

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027183.D
 Acq On : 02 Aug 2022 20:14
 Operator : SY/MD
 Sample : N4005-07MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY157MSD

Quant Time: Aug 03 02:04:09 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	598007	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	576629	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	308317	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	162223	41.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.720%
7) Chloroethane-d5	1.558	69	139581	48.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.260%
11) 1,1-Dichloroethene-d2	2.105	63	315649	42.771	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.540%
21) 2-Butanone-d5	3.873	46	255892	100.286	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.290%
24) Chloroform-d	4.343	84	355371	45.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.720%
26) 1,2-Dichloroethane-d4	5.027	65	202388	45.535	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.060%
32) Benzene-d6	5.047	84	707625	46.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.760%
36) 1,2-Dichloropropane-d6	6.066	67	219408	46.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.960%
41) Toluene-d8	7.313	98	650921	47.320	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.640%
43) trans-1,3-Dichloroprop...	7.619	79	95441	46.071	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.140%
47) 2-Hexanone-d5	8.088	63	191672	105.183	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.180%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	352399	49.945	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.900%
66) 1,2-Dichlorobenzene-d4	11.622	152	250563	46.242	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	263375	46.027	ug/L	99
3) Chloromethane	1.237	50	244266	45.018	ug/L	99
5) Vinyl chloride	1.307	62	277058	49.055	ug/L	99
6) Bromomethane	1.513	94	123145	42.044	ug/L	98
8) Chloroethane	1.577	64	159533	52.719	ug/L	100
9) Trichlorofluoromethane	1.748	101	339561	45.632	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	194094	45.480	ug/L	100
12) 1,1-Dichloroethene	2.114	96	186913	45.074	ug/L	95
13) Acetone	2.163	43	202850	94.147	ug/L	100
14) Carbon disulfide	2.288	76	557131	45.113	ug/L	100
15) Methyl Acetate	2.426	43	175783	37.500	ug/L	100
16) Methylene chloride	2.500	84	238246	45.326	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	1692563	383.466	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	651147	51.354	ug/L	100
19) 1,1-Dichloroethane	3.185	63	373231	46.177	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	1271814	271.447	ug/L	99
22) 2-Butanone	3.957	43	308973	104.064	ug/L	99
23) Bromochloromethane	4.243	128	123379	46.348	ug/L	96
25) Chloroform	4.371	83	395762	46.506	ug/L	99

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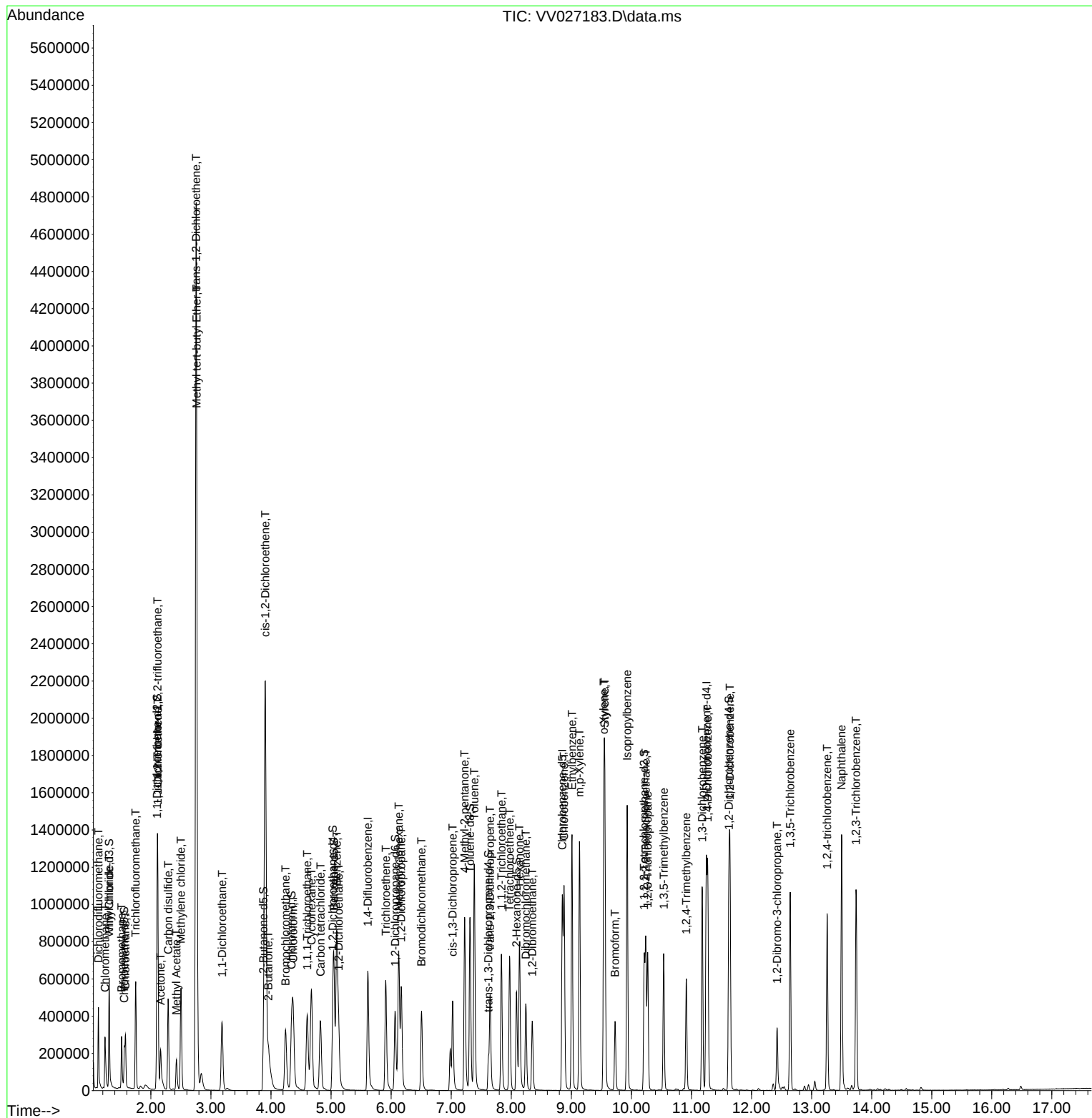
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	288065	48.891	ug/L	99
29) Cyclohexane	4.674	56	279994	47.960	ug/L	97
30) 1,1,1-Trichloroethane	4.603	97	342006	47.299	ug/L	99
31) Carbon tetrachloride	4.825	117	302344	48.627	ug/L	97
33) Benzene	5.095	78	898007	50.776	ug/L	100
34) Trichloroethene	5.912	95	219279	48.213	ug/L	99
35) Methylcyclohexane	6.127	83	319759	47.371	ug/L	100
37) 1,2-Dichloropropane	6.169	63	233093	50.204	ug/L	99
38) Bromodichloromethane	6.506	83	298661	48.563	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	314364	48.265	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	588115	107.177	ug/L	99
42) Toluene	7.384	91	936686	51.340	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	307979	49.213	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	241968	49.577	ug/L	99
46) Tetrachloroethene	7.973	164	169891	48.926	ug/L	99
48) 2-Hexanone	8.137	43	465836	109.188	ug/L	99
49) Dibromochloromethane	8.243	129	248367	49.022	ug/L	99
50) 1,2-Dibromoethane	8.349	107	250132	49.503	ug/L	97
51) Chlorobenzene	8.879	112	614546	48.674	ug/L	99
52) Ethylbenzene	9.011	91	954024	51.023	ug/L	99
53) m,p-Xylene	9.137	106	379380	51.724	ug/L	98
54) o-Xylene	9.542	106	372831	51.927	ug/L	98
55) Styrene	9.558	104	677100	54.260	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	396505	50.101	ug/L	99
59) Bromoform	9.728	173	167497	47.056	ug/L	99
60) Isopropylbenzene	9.931	105	955399	50.502	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	304422	47.557	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	394618	48.158	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	324913	49.076	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	456528	48.965	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	475254	48.319	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	480102	49.036	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	83954	49.022	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	323081	48.842	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	283965	51.127	ug/L	100
71) Naphthalene	13.500	128	1046092	57.337	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	321949	53.007	ug/L	99

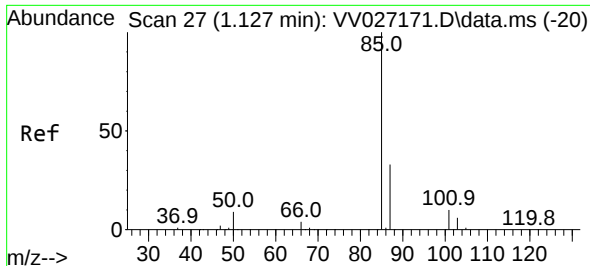
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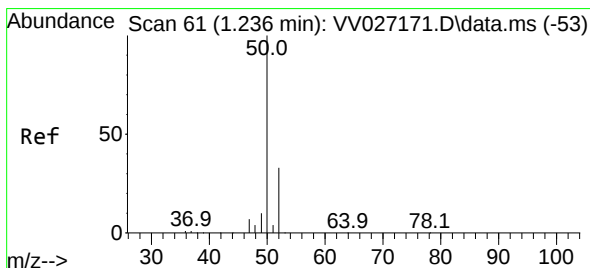
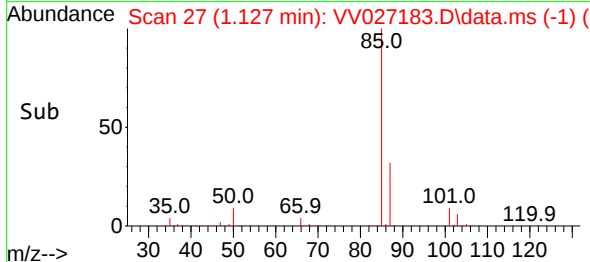
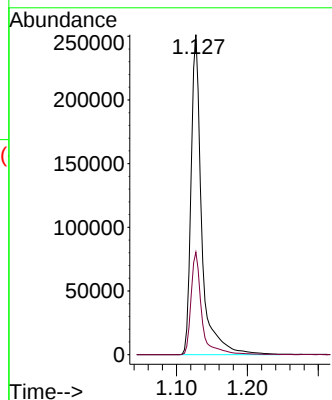
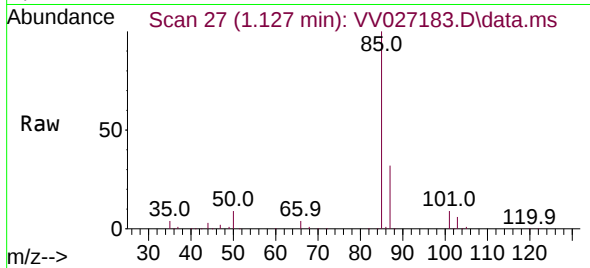




#2
 Dichlorodifluoromethane
 Concen: 46.027 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027183.D
 Acq: 02 Aug 2022 20:14

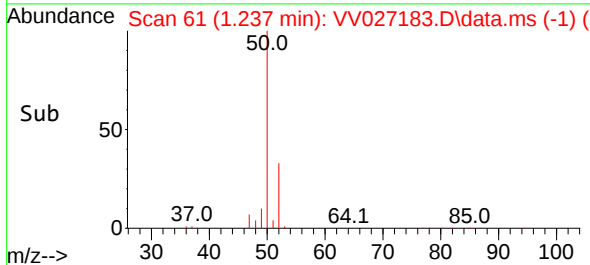
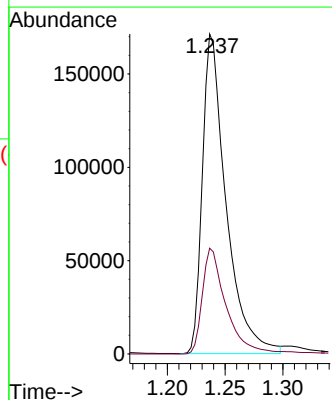
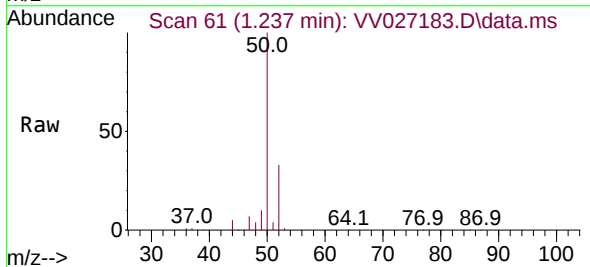
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 MSVOA_V
 ClientSampleId :
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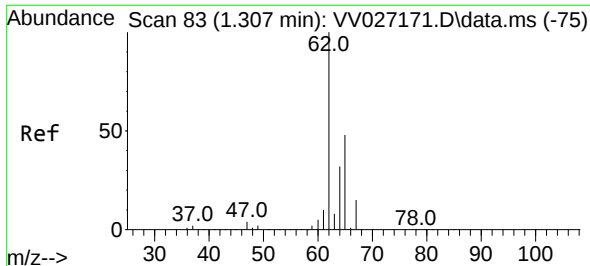
Tgt Ion: 85 Resp: 263375
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.3 39.5



#3
 Chloromethane
 Concen: 45.018 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027183.D
 Acq: 02 Aug 2022 20:14

Tgt Ion: 50 Resp: 244266
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.7 43.9

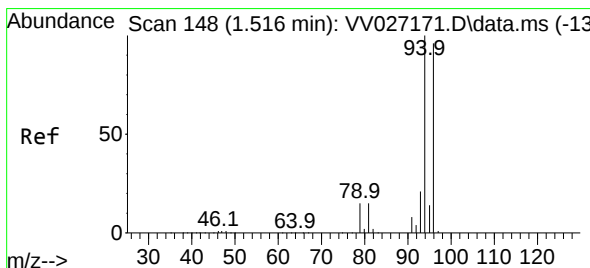
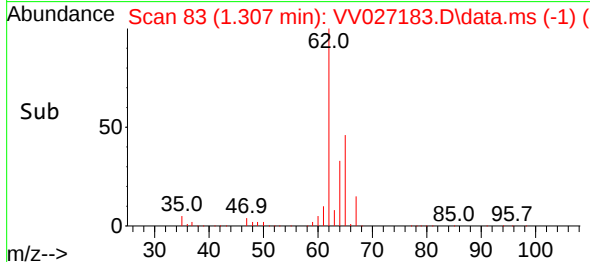
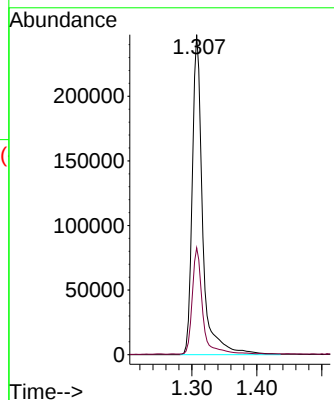
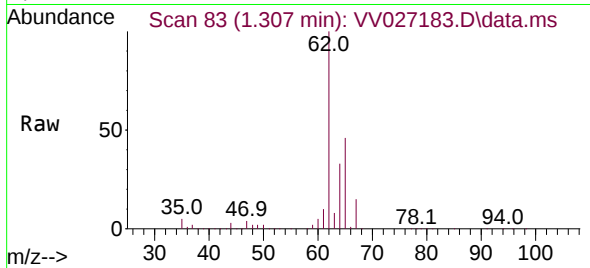




#5
 Vinyl chloride
 Concen: 49.055 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV027183.D
 Acq: 02 Aug 2022 20:14

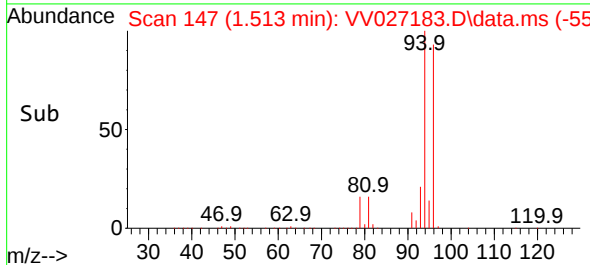
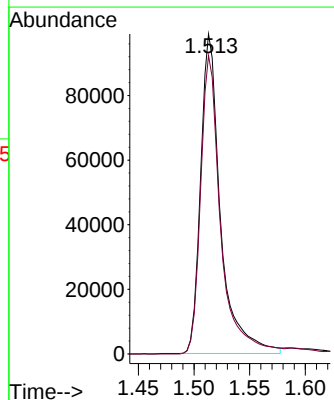
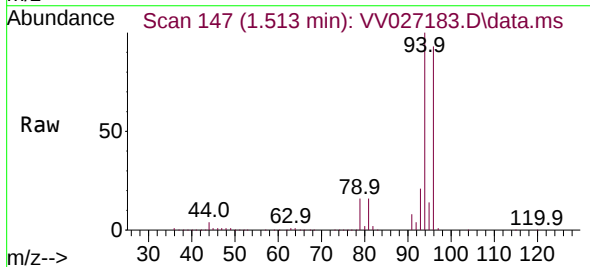
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 ClientSampleId :
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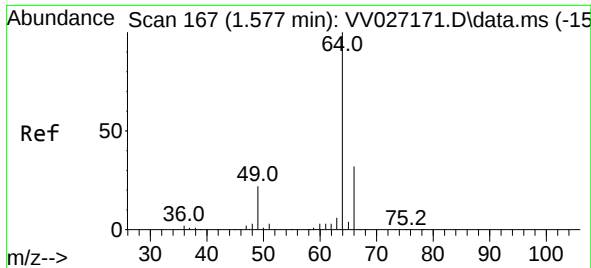
Tgt Ion: 62 Resp: 277058
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.1 42.9



#6
 Bromomethane
 Concen: 42.044 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.003 min
 Lab File: VV027183.D
 Acq: 02 Aug 2022 20:14

Tgt Ion: 94 Resp: 123145
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.6 123.6

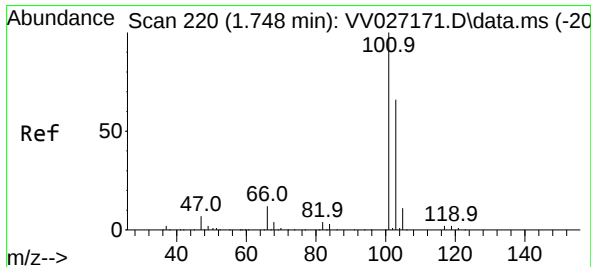
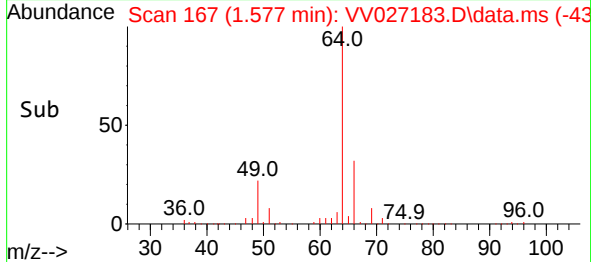
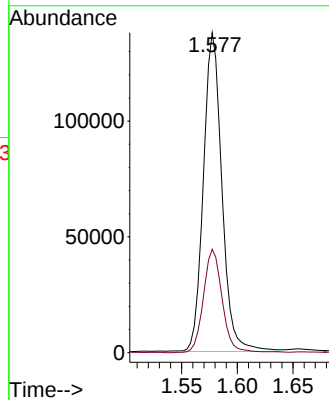
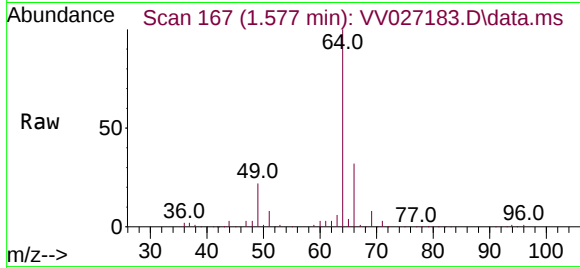




#8
Chloroethane
Concen: 52.719 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

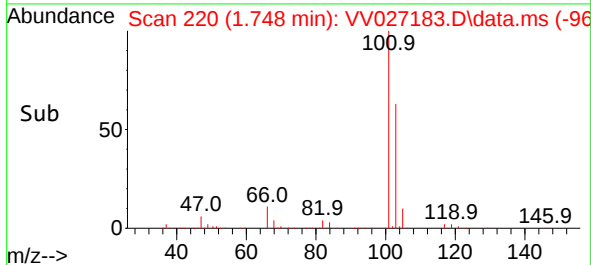
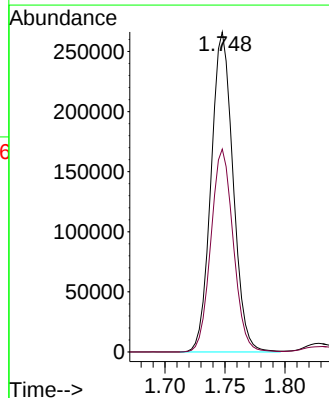
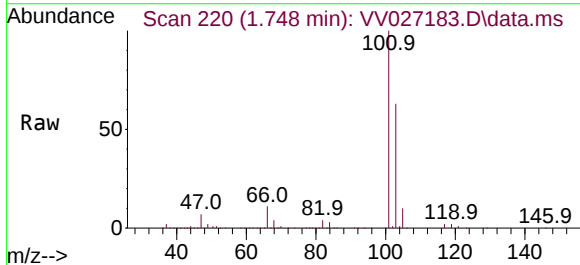
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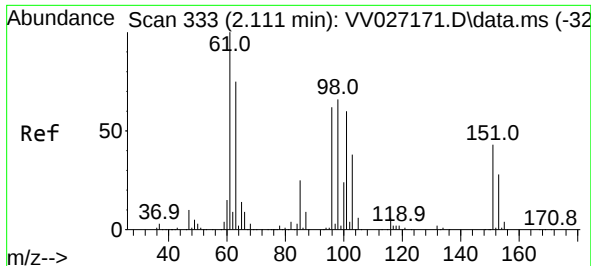
Tgt Ion: 64 Resp: 159533
Ion Ratio Lower Upper
64 100
66 32.3 22.6 42.0



#9
Trichlorofluoromethane
Concen: 45.632 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

Tgt Ion:101 Resp: 339561
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

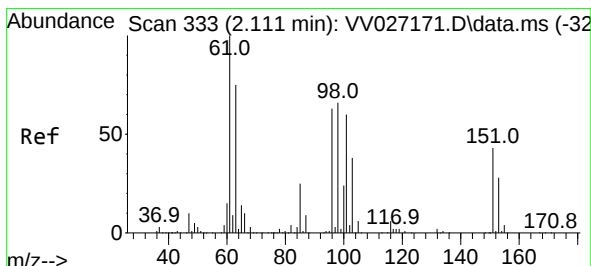
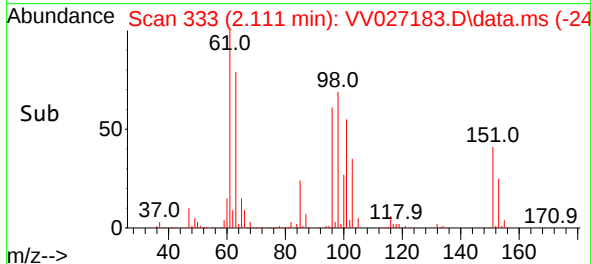
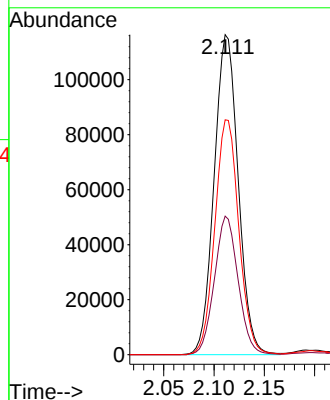
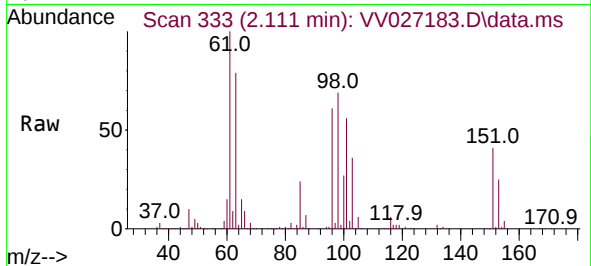




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.480 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027183.D
 Acq: 02 Aug 2022 20:14

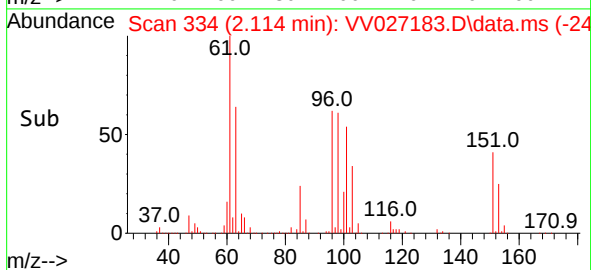
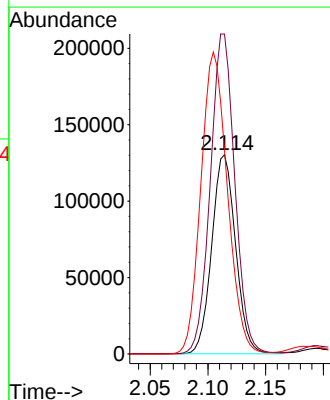
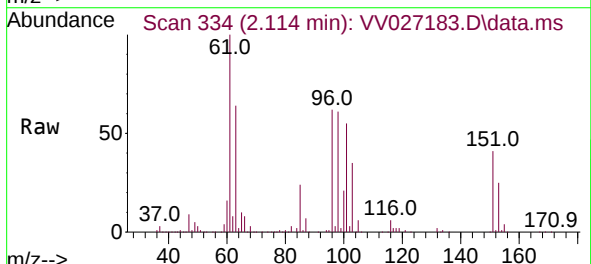
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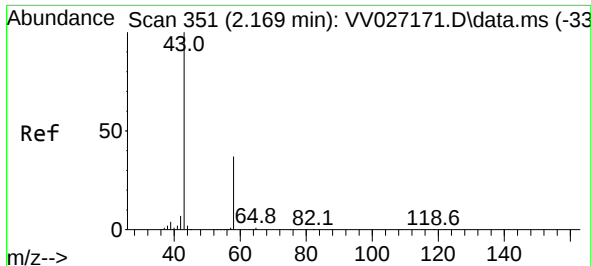
Tgt Ion:101 Resp: 194094
 Ion Ratio Lower Upper
 101 100
 85 42.5 33.9 50.9
 151 73.3 58.4 87.6



#12
 1,1-Dichloroethene
 Concen: 45.074 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV027183.D
 Acq: 02 Aug 2022 20:14

Tgt Ion: 96 Resp: 186913
 Ion Ratio Lower Upper
 96 100
 61 160.4 110.7 205.5
 63 102.1 78.4 145.6





#13

Acetone

Concen: 94.147 ug/L

RT: 2.163 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

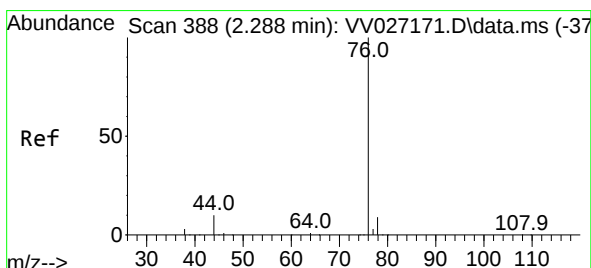
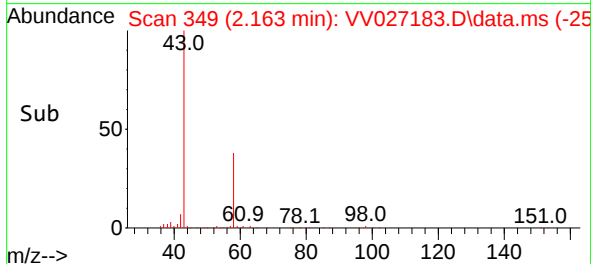
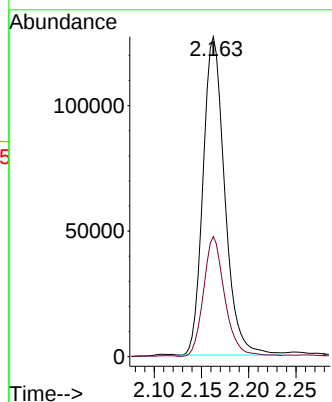
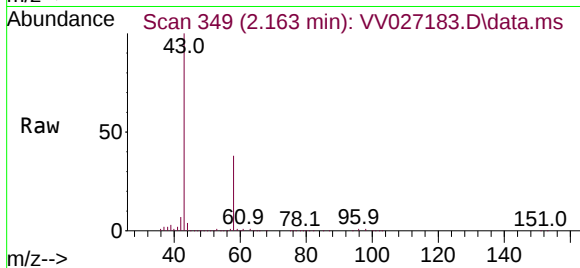
EY157MSD

Tgt Ion: 43 Resp: 202850

Ion Ratio Lower Upper

43 100

58 36.6 0.0 73.6



#14

Carbon disulfide

Concen: 45.113 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

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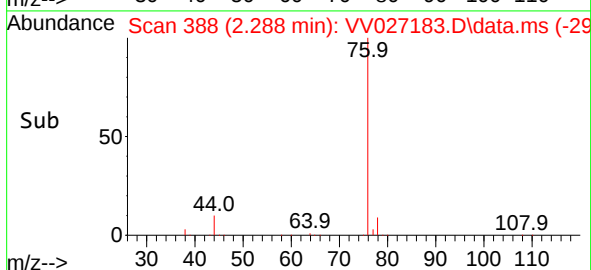
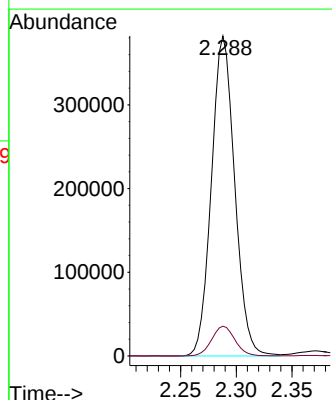
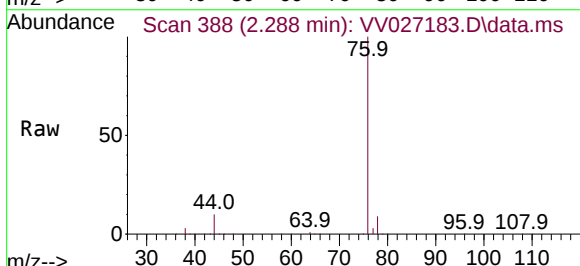
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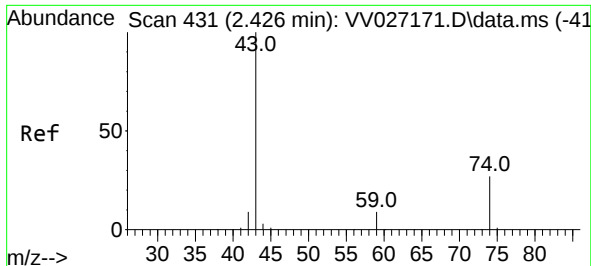
Tgt Ion: 76 Resp: 557131

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

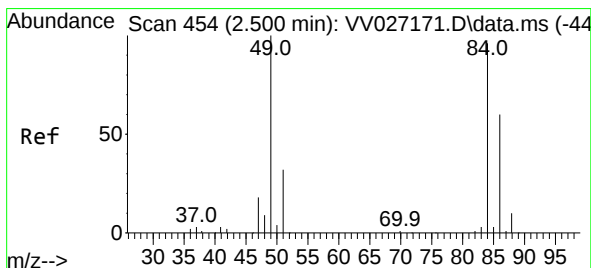
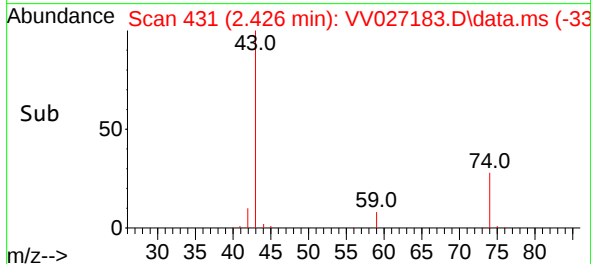
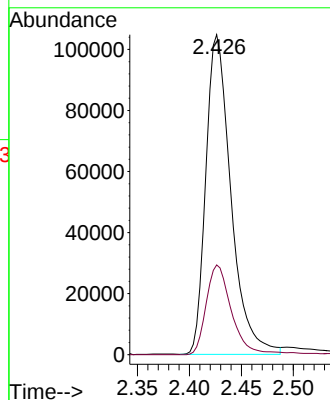
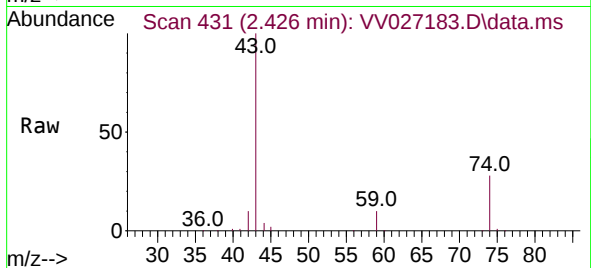




#15
Methyl Acetate
Concen: 37.500 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

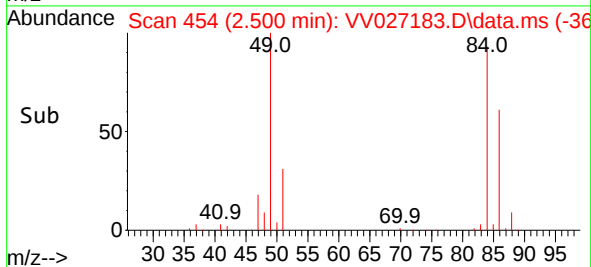
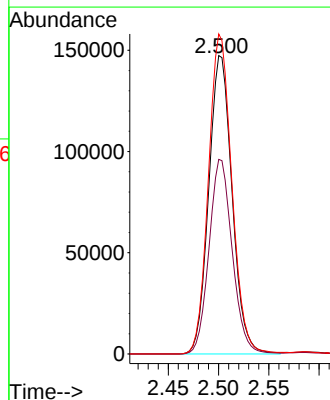
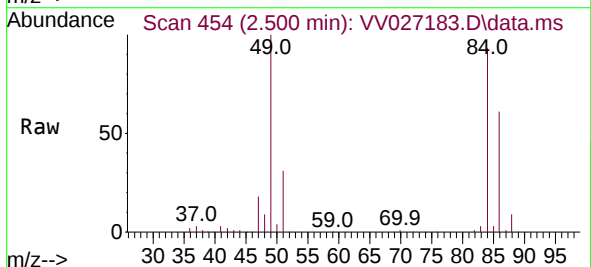
Instrument :
MSVOA_V
ClientSampleId :
EY157MSD

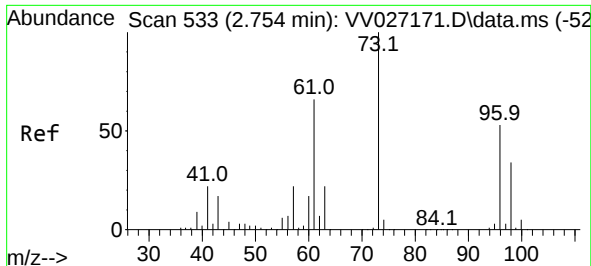
Tgt Ion: 43 Resp: 175783
Ion Ratio Lower Upper
43 100
74 28.2 22.4 33.6



#16
Methylene chloride
Concen: 45.326 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

Tgt Ion: 84 Resp: 238246
Ion Ratio Lower Upper
84 100
86 65.2 45.3 84.1
49 107.3 76.0 141.2



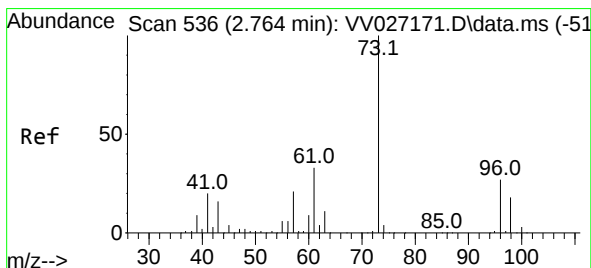
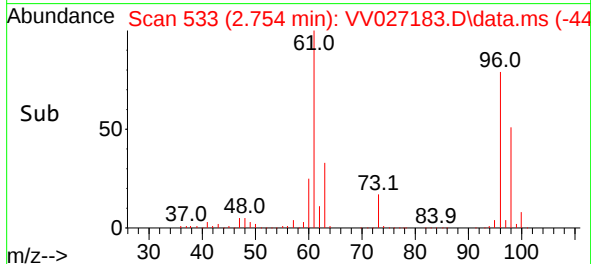
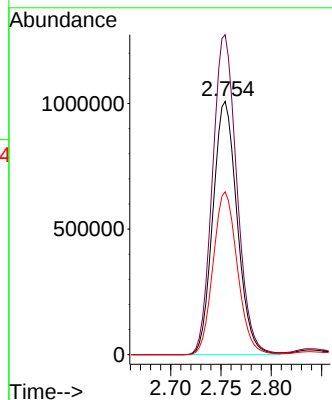
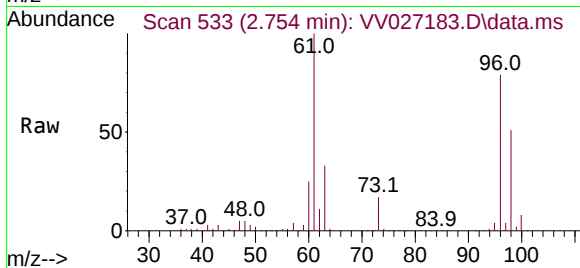


#17
 trans-1,2-Dichloroethene
 Concen: 383.466 ug/L
 RT: 2.754 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VV027183.D
 Acq: 02 Aug 2022 20:14

Instrument :
 MSVOA_V
 ClientSampleId :
 EY157MSD

Tgt Ion: 96 Resp: 1692563

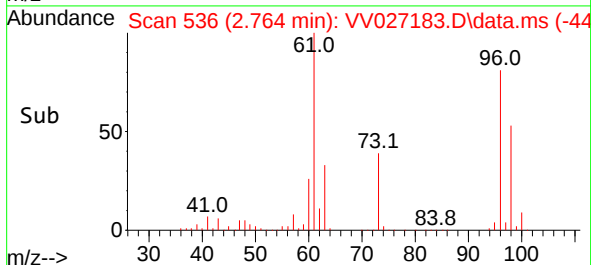
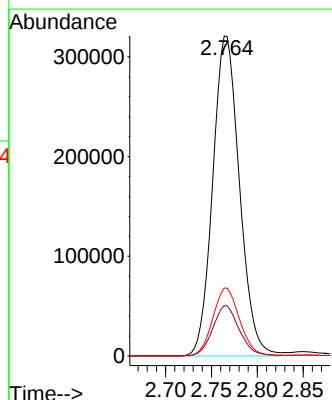
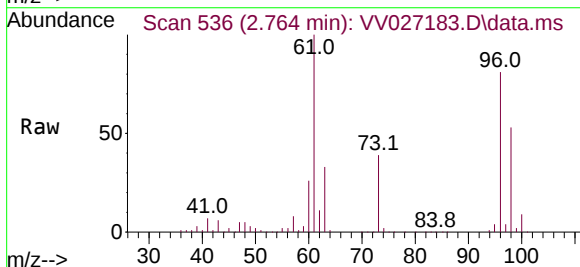
Ion	Ratio	Lower	Upper
96	100		
61	126.3	89.2	165.6
98	64.3	43.3	80.3

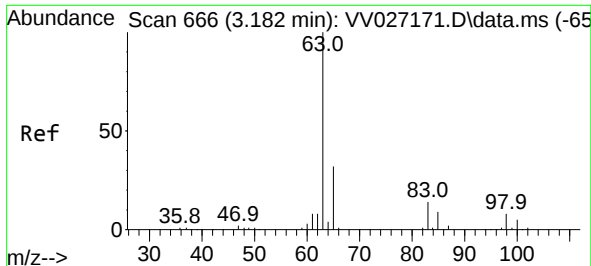


#18
 Methyl tert-butyl Ether
 Concen: 51.354 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. 0.000 min
 Lab File: VV027183.D
 Acq: 02 Aug 2022 20:14

Tgt Ion: 73 Resp: 651147

Ion	Ratio	Lower	Upper
73	100		
43	15.5	12.6	18.8
57	21.3	17.2	25.8





#19

1,1-Dichloroethane

Concen: 46.177 ug/L

RT: 3.185 min Scan# 666

Delta R.T. 0.003 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EY157MSD

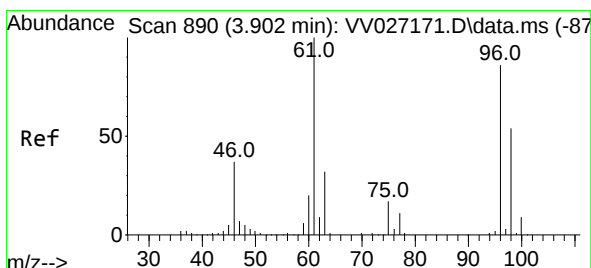
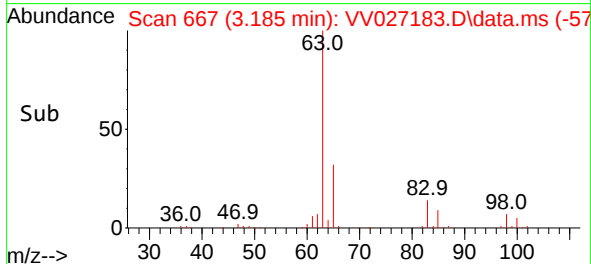
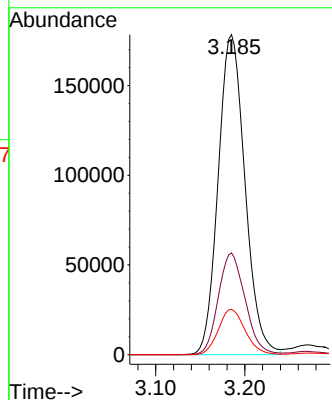
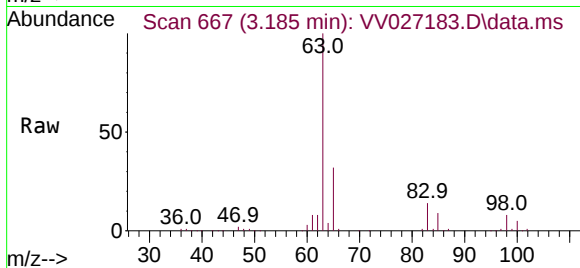
Tgt Ion: 63 Resp: 373231

Ion Ratio Lower Upper

63 100

65 31.8 22.9 42.5

83 14.1 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 271.447 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

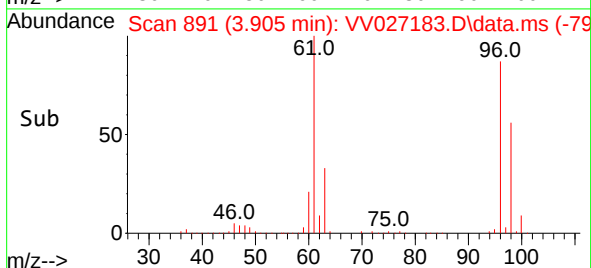
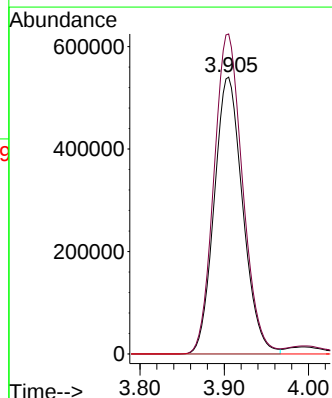
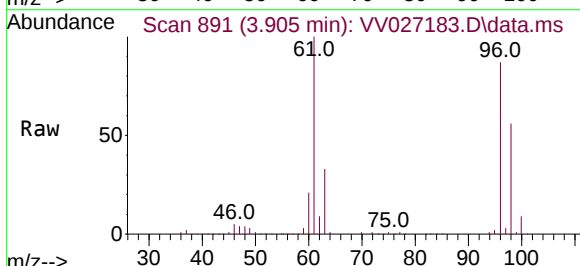
Tgt Ion: 96 Resp: 1271814

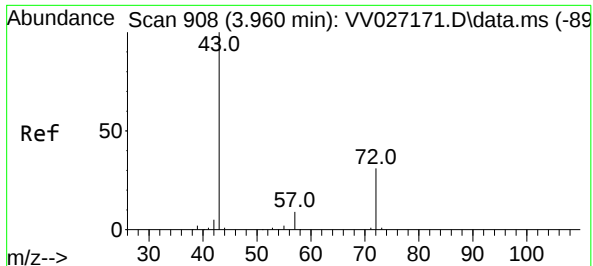
Ion Ratio Lower Upper

96 100

61 115.6 81.7 151.7

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 104.064 ug/L

RT: 3.957 min Scan# 907

Delta R.T. -0.003 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

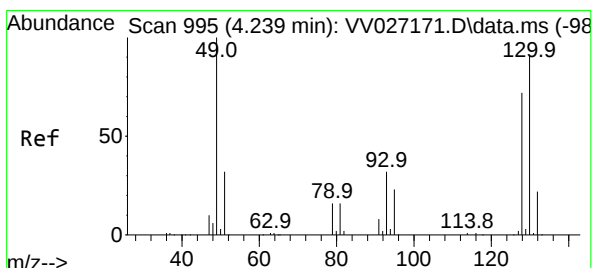
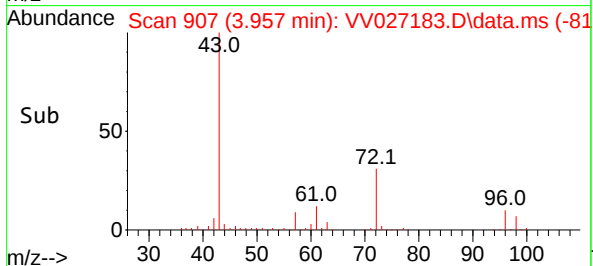
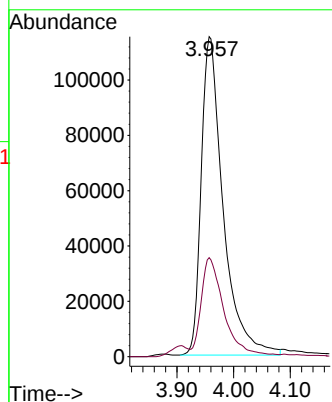
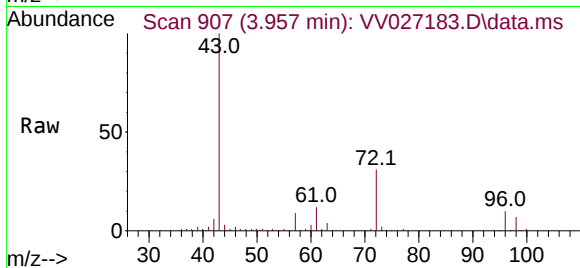
EY157MSD

Tgt Ion: 43 Resp: 308973

Ion Ratio Lower Upper

43 100

72 30.6 15.7 47.1



#23

Bromochloromethane

Concen: 46.348 ug/L

RT: 4.243 min Scan# 996

Delta R.T. 0.003 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

Tgt Ion:128 Resp: 123379

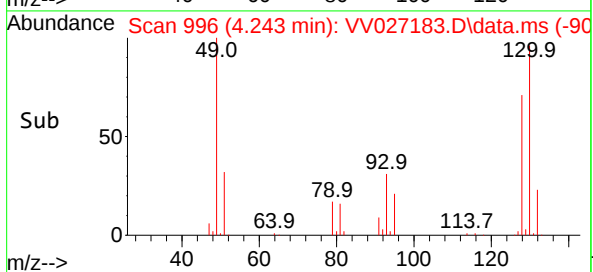
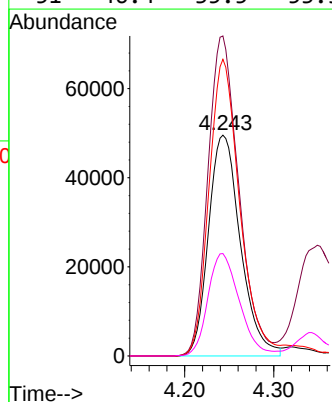
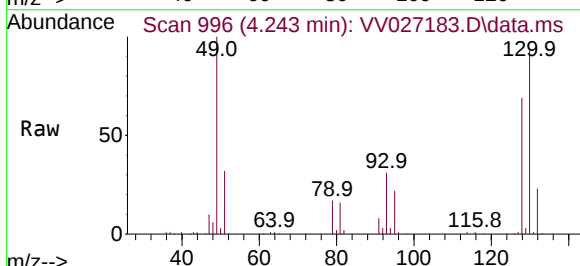
Ion Ratio Lower Upper

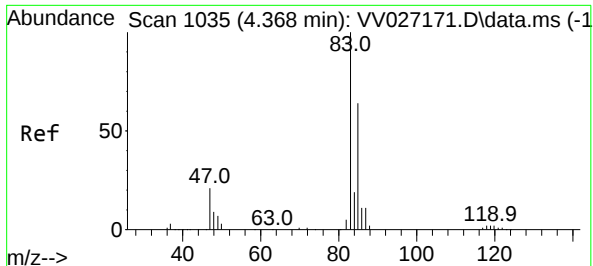
128 100

49 145.0 98.6 183.2

130 134.4 89.7 166.5

51 46.4 35.5 53.3





#25

Chloroform

Concen: 46.506 ug/L

RT: 4.371 min Scan# 1035

Delta R.T. 0.003 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

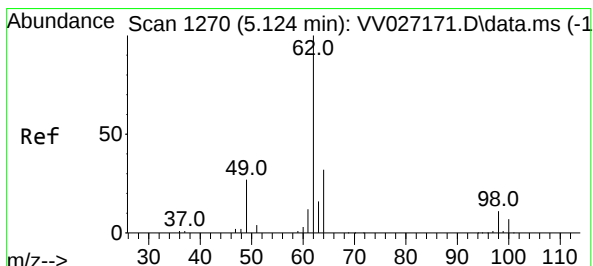
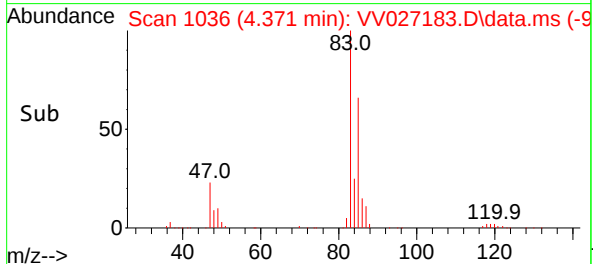
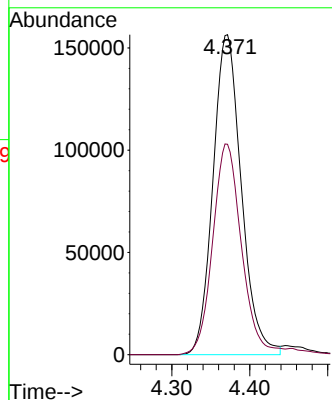
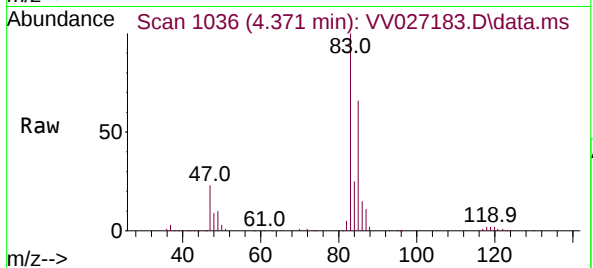
EY157MSD

Tgt Ion: 83 Resp: 395762

Ion Ratio Lower Upper

83 100

85 65.8 45.3 84.1



#27

1,2-Dichloroethane

Concen: 48.891 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.003 min

Lab File: VV027183.D

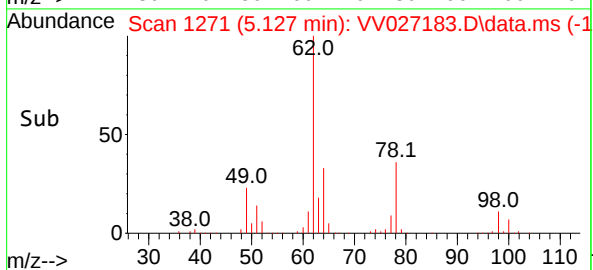
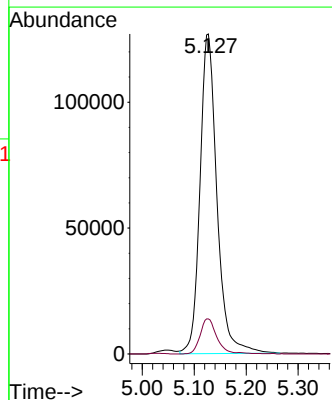
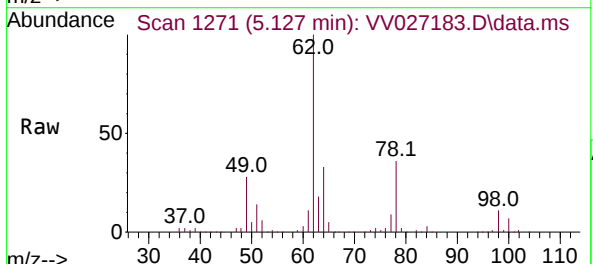
Acq: 02 Aug 2022 20:14

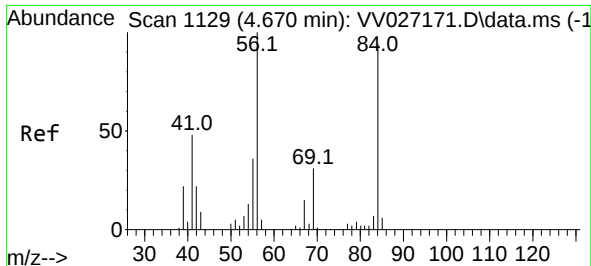
Tgt Ion: 62 Resp: 288065

Ion Ratio Lower Upper

62 100

98 11.0 9.2 13.8





#29

Cyclohexane

Concen: 47.960 ug/L

RT: 4.674 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EY157MSD

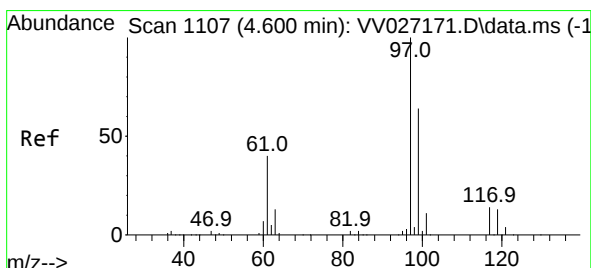
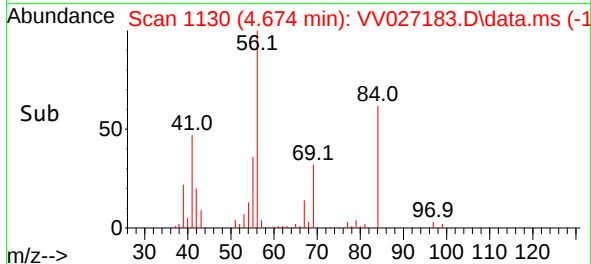
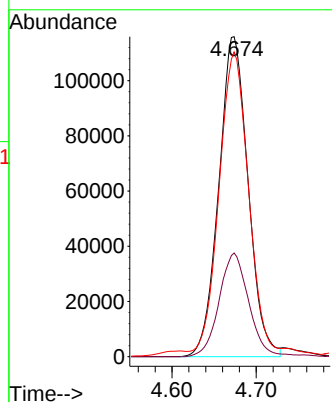
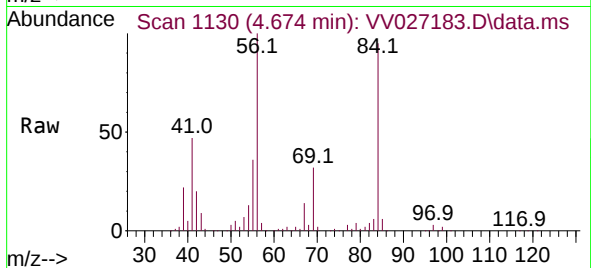
Tgt Ion: 56 Resp: 279994

Ion Ratio Lower Upper

56 100

69 32.8 26.1 39.1

84 92.1 77.3 115.9



#30

1,1,1-Trichloroethane

Concen: 47.299 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

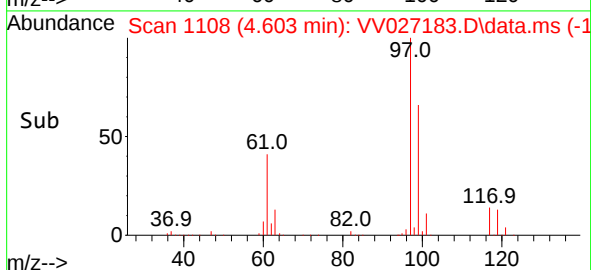
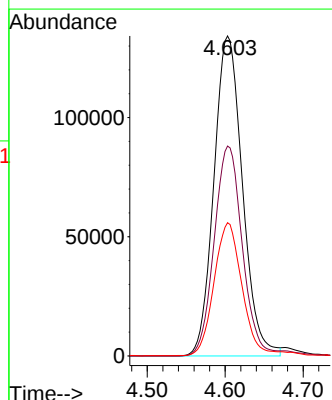
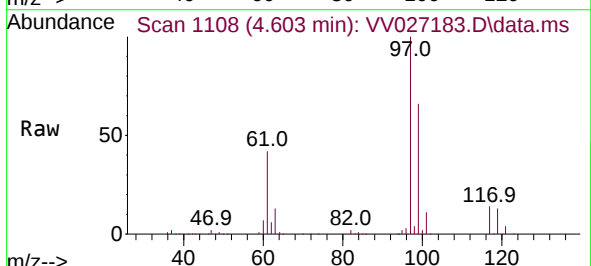
Tgt Ion: 97 Resp: 342006

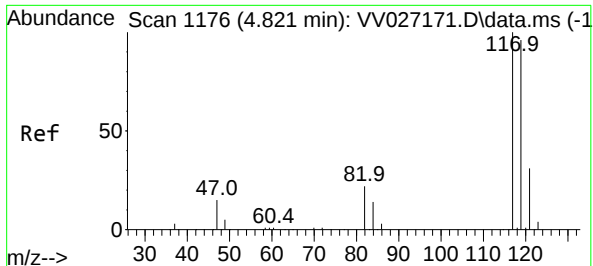
Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.8

61 40.1 32.7 49.1

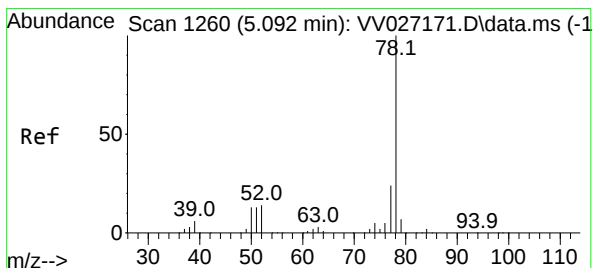
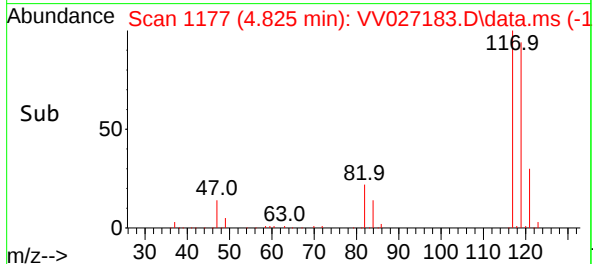
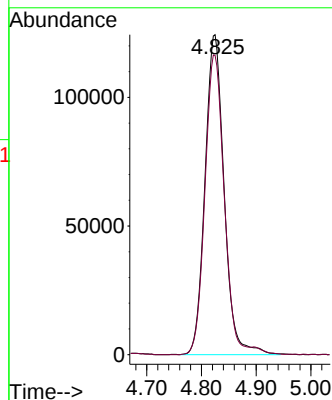
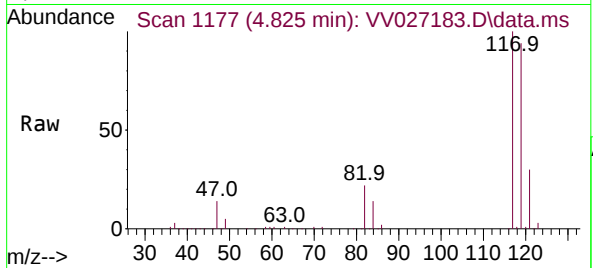




#31
Carbon tetrachloride
Concen: 48.627 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

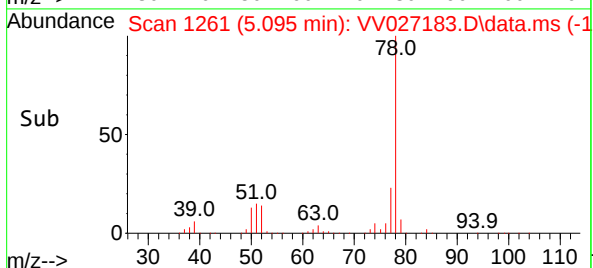
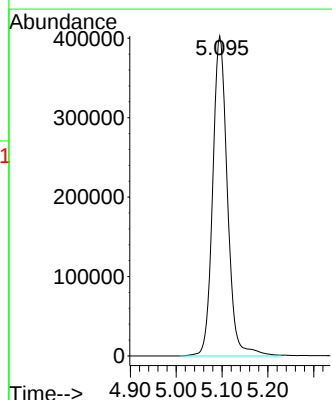
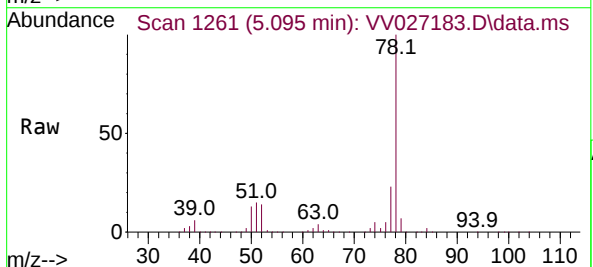
Instrument :
MSVOA_V
ClientSampleId :
EY157MSD

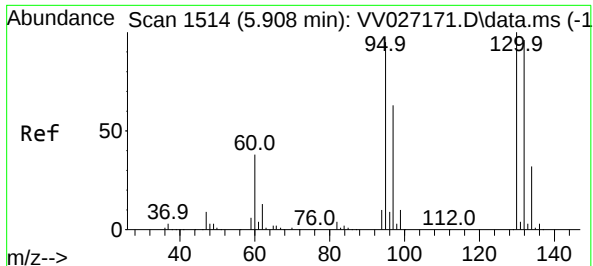
Tgt Ion:117 Resp: 302344
Ion Ratio Lower Upper
117 100
119 93.9 77.1 115.7



#33
Benzene
Concen: 50.776 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

Tgt Ion: 78 Resp: 898007

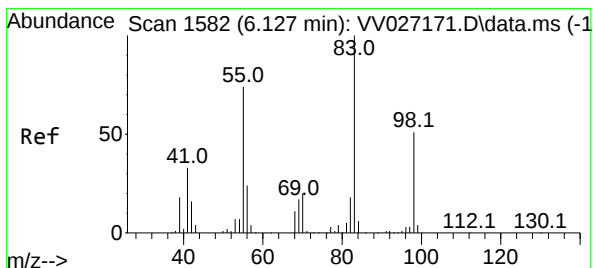
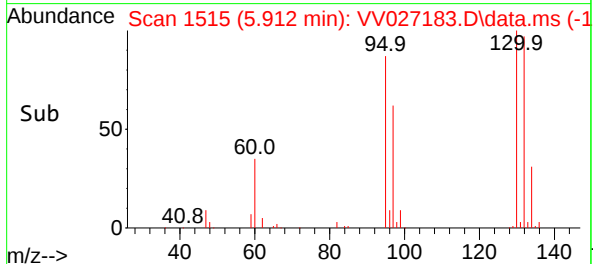
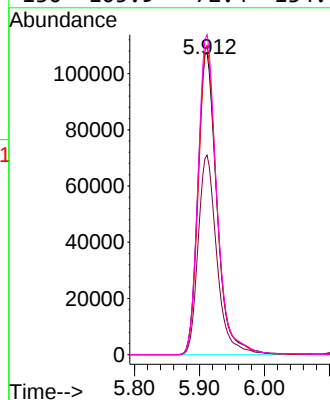
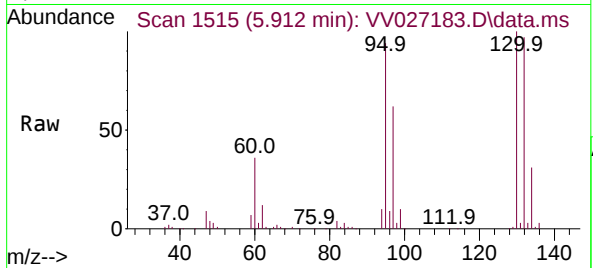




#34
Trichloroethene
Concen: 48.213 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

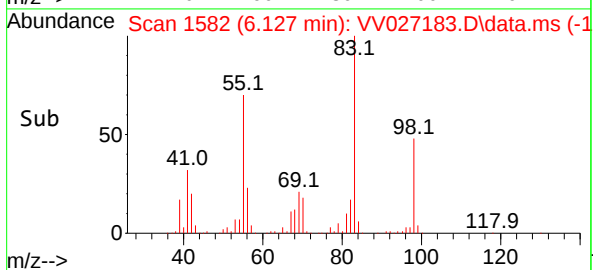
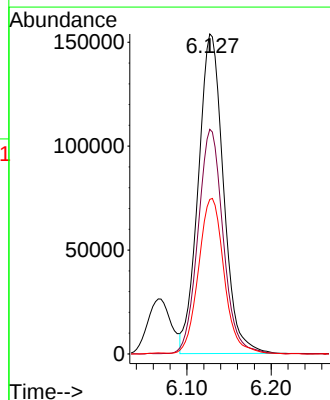
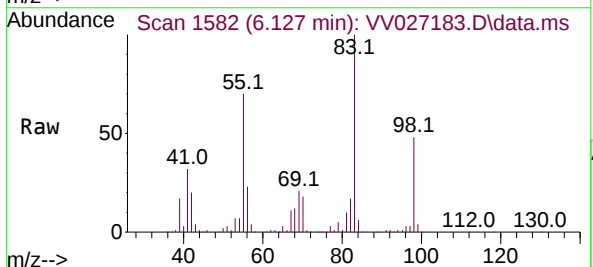
Instrument :
MSVOA_V
ClientSampleId :
EY157MSD

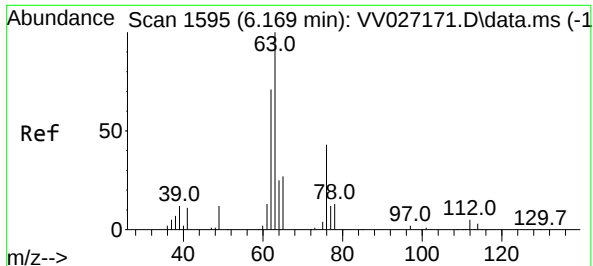
Tgt Ion: 95 Resp: 219279
Ion Ratio Lower Upper
95 100
97 66.0 47.0 87.2
132 102.3 71.5 132.7
130 105.9 72.4 134.4



#35
Methylcyclohexane
Concen: 47.371 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

Tgt Ion: 83 Resp: 319759
Ion Ratio Lower Upper
83 100
55 70.4 56.2 84.4
98 49.7 39.6 59.4

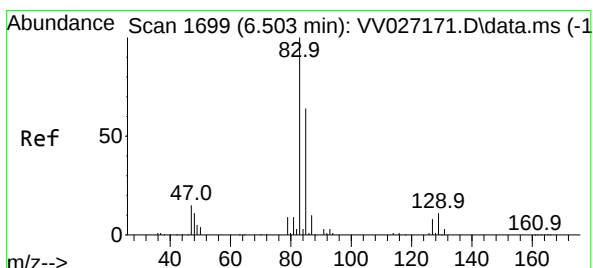
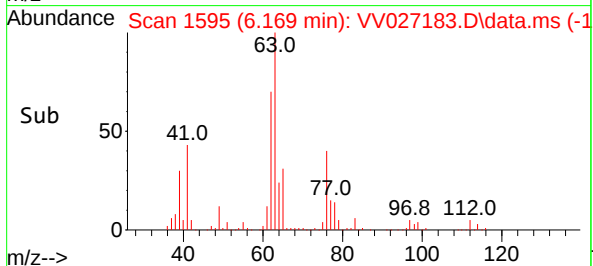
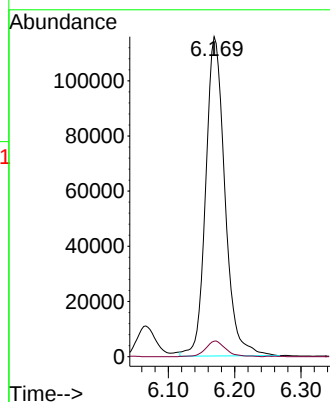
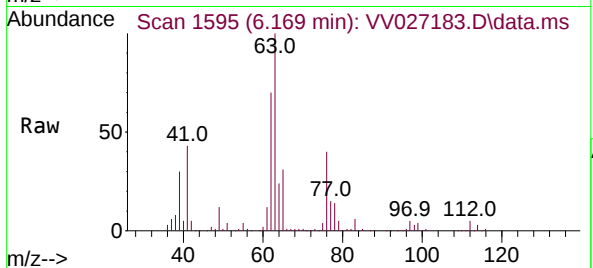




#37
1,2-Dichloropropane
Concen: 50.204 ug/L
RT: 6.169 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

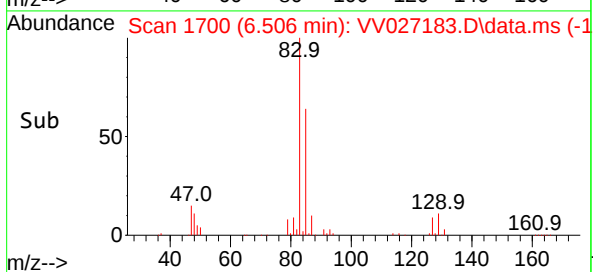
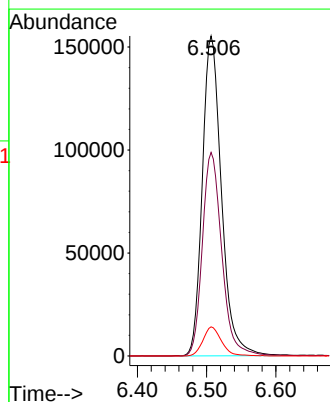
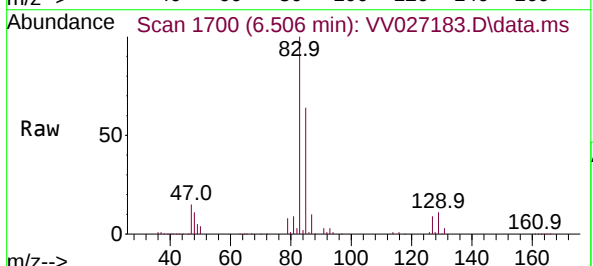
Instrument :
MSVOA_V
ClientSampleId :
EY157MSD

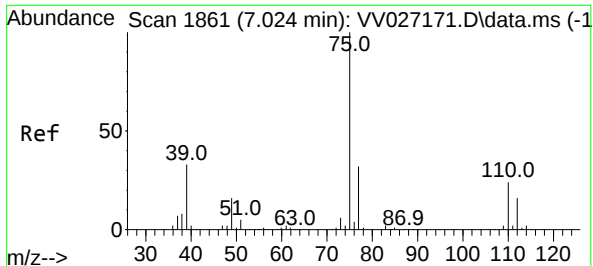
Tgt Ion: 63 Resp: 233093
Ion Ratio Lower Upper
63 100
112 5.2 4.0 6.0



#38
Bromodichloromethane
Concen: 48.563 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. 0.003 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

Tgt Ion: 83 Resp: 298661
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.9
127 9.1 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 48.265 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

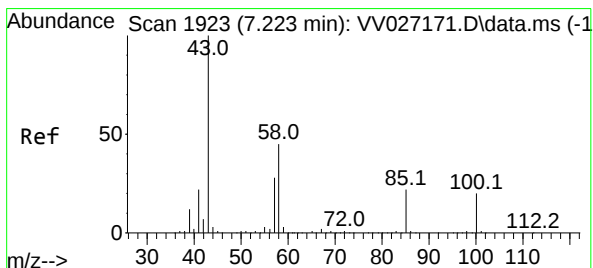
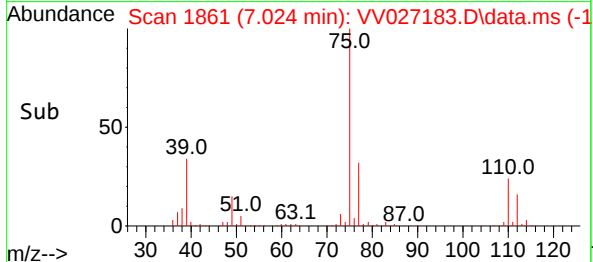
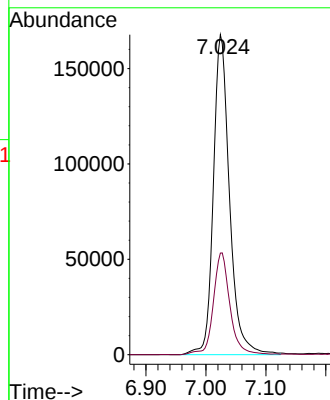
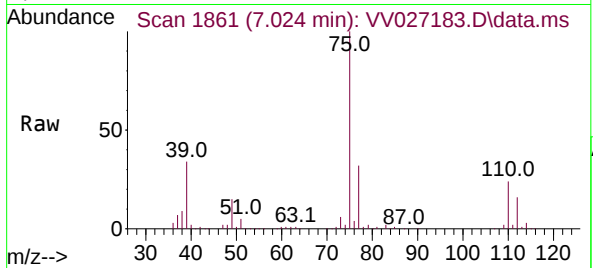
EY157MSD

Tgt Ion: 75 Resp: 314364

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 107.177 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

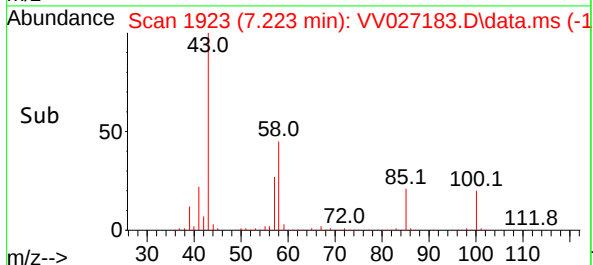
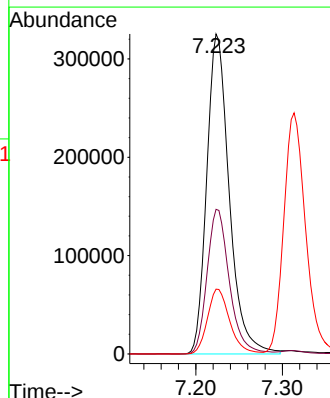
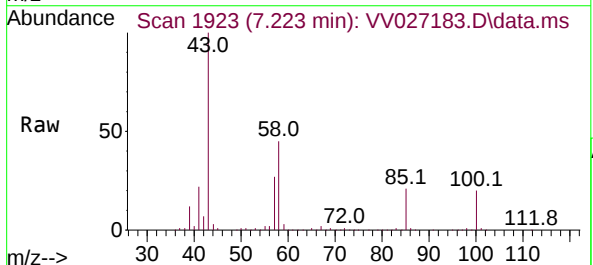
Tgt Ion: 43 Resp: 588115

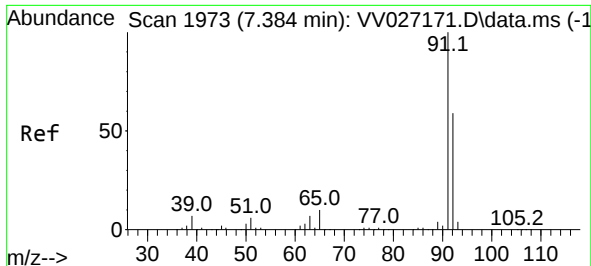
Ion Ratio Lower Upper

43 100

58 44.8 36.1 54.1

100 20.1 15.8 23.6

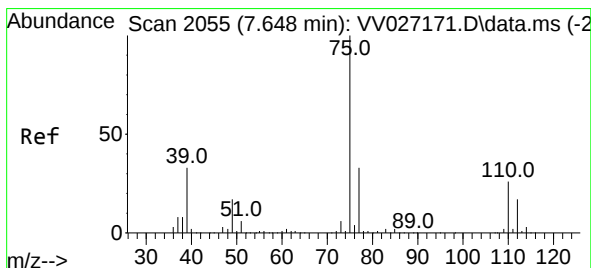
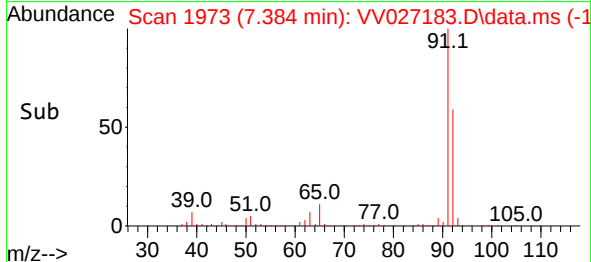
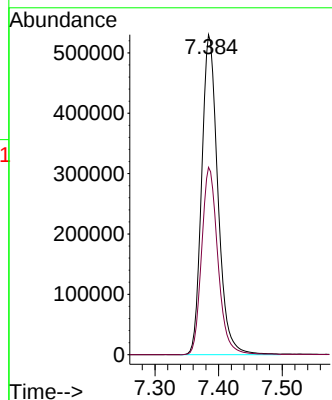
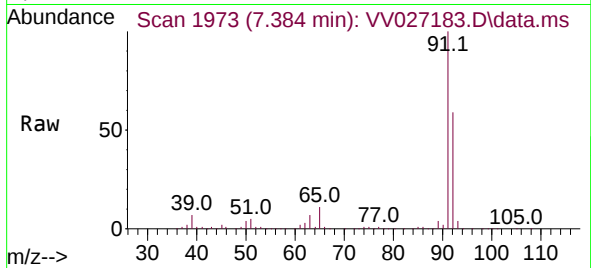




#42
Toluene
Concen: 51.340 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

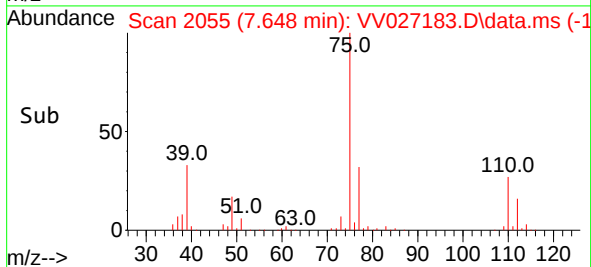
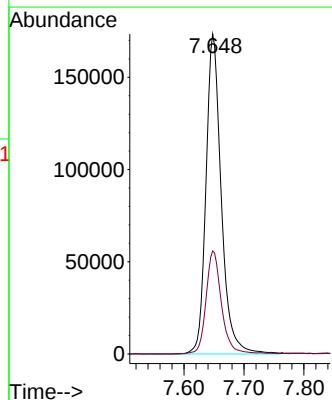
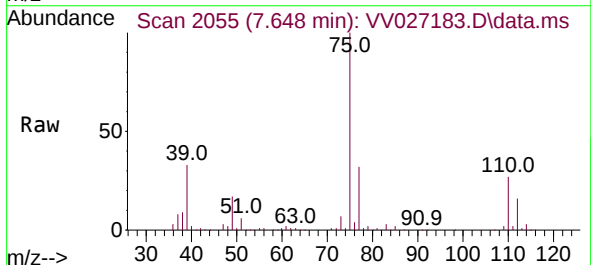
Instrument :
MSVOA_V
ClientSampleId :
EY157MSD

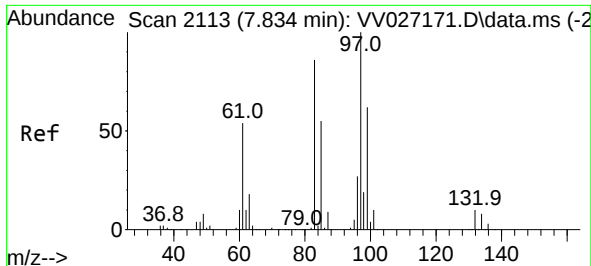
Tgt Ion: 91 Resp: 936686
Ion Ratio Lower Upper
91 100
92 58.6 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 49.213 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

Tgt Ion: 75 Resp: 307979
Ion Ratio Lower Upper
75 100
77 32.2 22.0 40.8

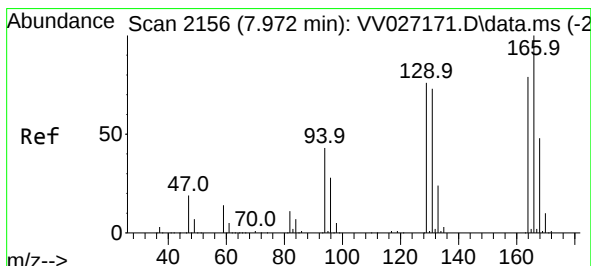
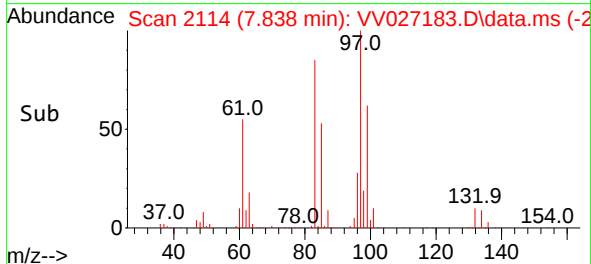
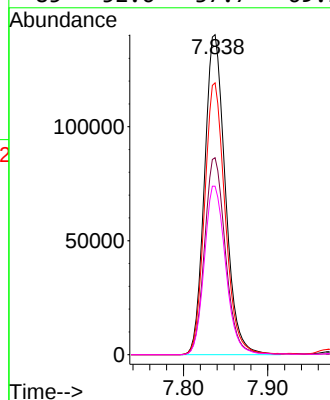
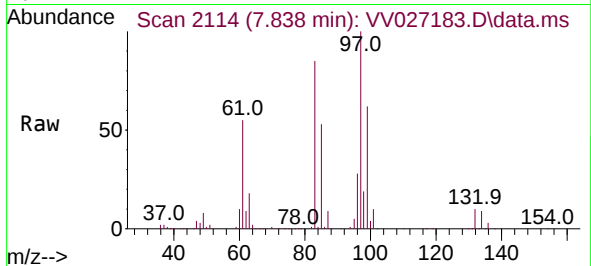




#45
1,1,2-Trichloroethane
Concen: 49.577 ug/L
RT: 7.838 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

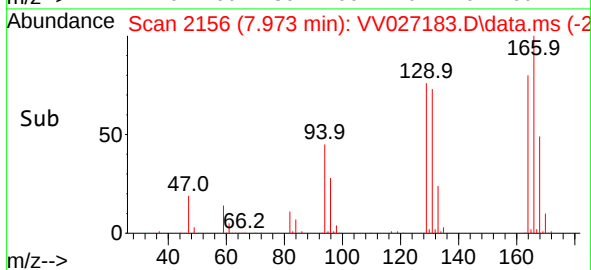
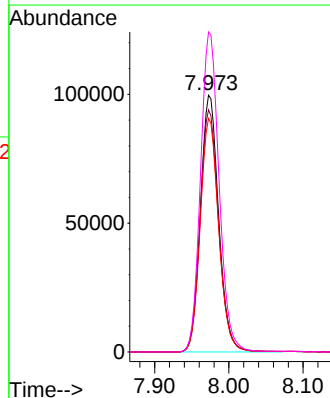
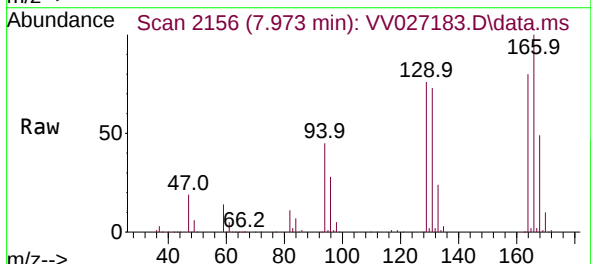
Instrument :
MSVOA_V
ClientSampleId :
EY157MSD

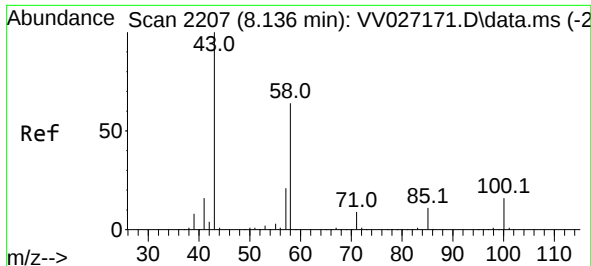
Tgt Ion: 97	Resp: 241968
Ion Ratio	Lower Upper
97 100	
99 61.6	43.3 80.5
83 84.9	58.2 108.2
85 52.6	37.7 69.9



#46
Tetrachloroethene
Concen: 48.926 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

Tgt	Ion:164	Resp:	169891
Ion	Ratio	Lower	Upper
164	100		
129	94.2	66.0	122.6
131	90.9	63.1	117.1
166	124.6	86.7	161.1

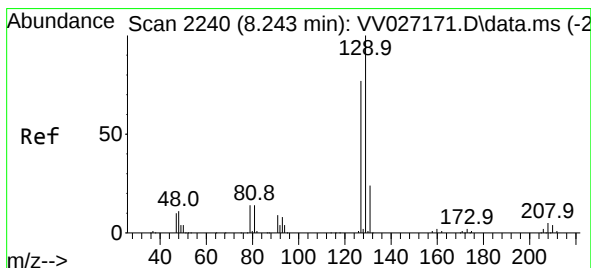
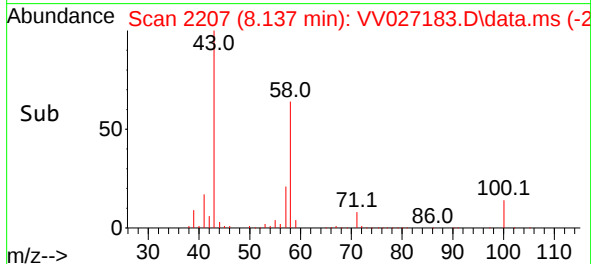
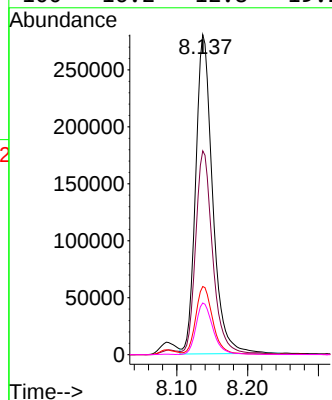
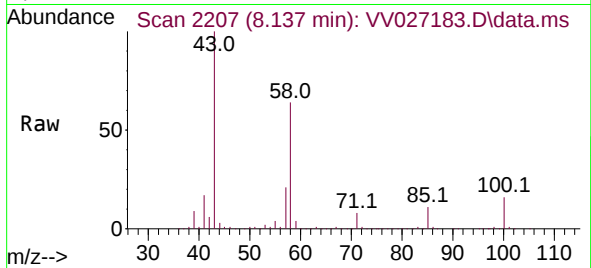




#48
2-Hexanone
Concen: 109.188 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

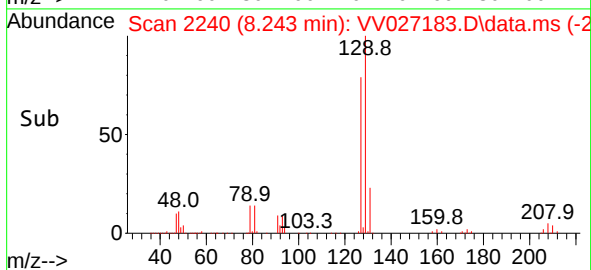
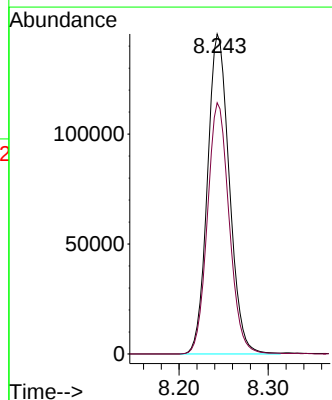
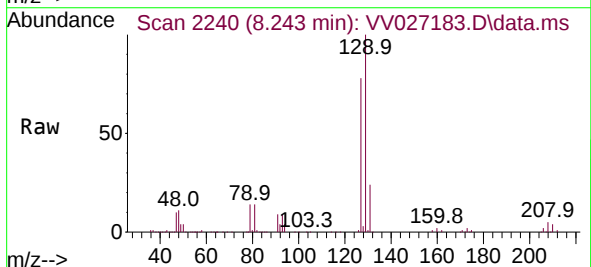
Instrument :
MSVOA_V
ClientSampleId :
EY157MSD

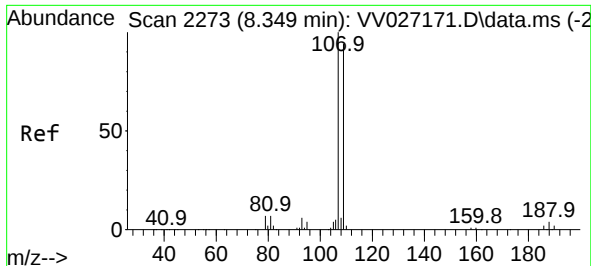
Tgt Ion:	43	Resp:	465836
Ion	Ratio	Lower	Upper
43	100		
58	62.8	51.3	76.9
57	21.4	16.7	25.1
100	16.2	12.8	19.2



#49
Dibromochloromethane
Concen: 49.022 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

Tgt Ion:	129	Resp:	248367
Ion	Ratio	Lower	Upper
129	100		
127	78.5	54.5	101.3





#50

1,2-Dibromoethane

Concen: 49.503 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EY157MSD

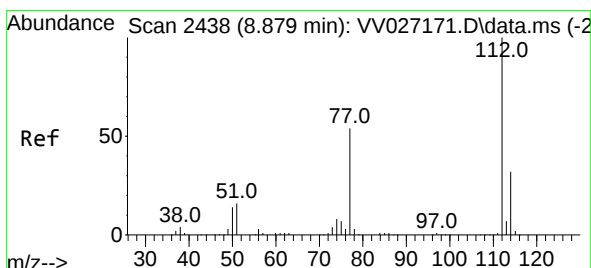
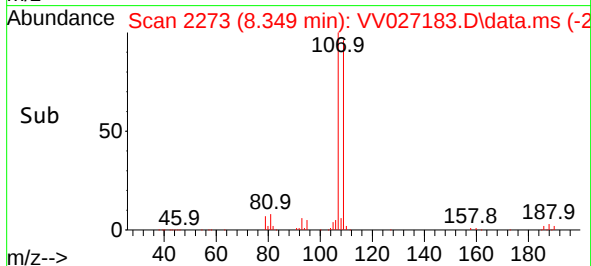
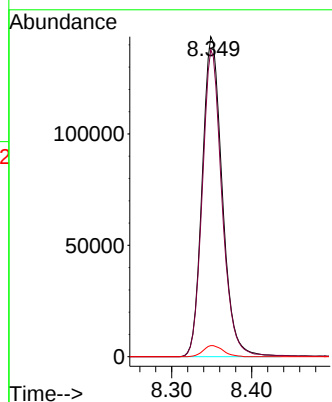
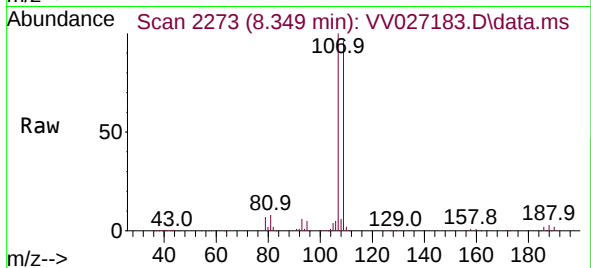
Tgt Ion:107 Resp: 250132

Ion Ratio Lower Upper

107 100

109 95.9 65.3 121.3

188 3.5 2.6 4.0



#51

Chlorobenzene

Concen: 48.674 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

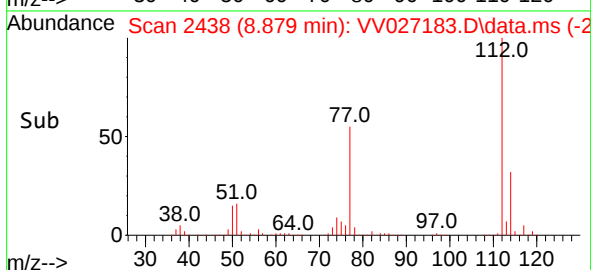
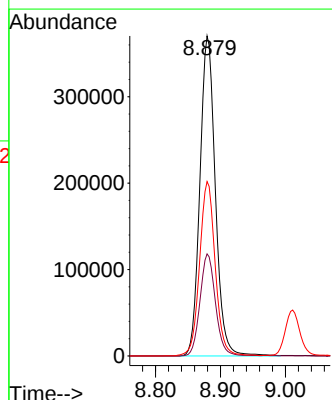
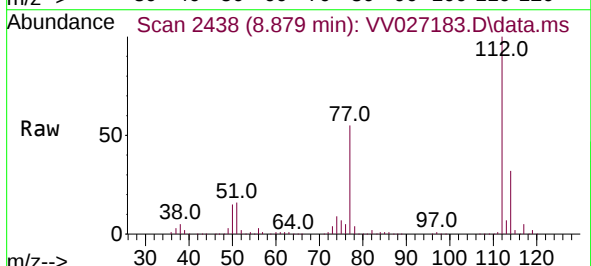
Tgt Ion:112 Resp: 614546

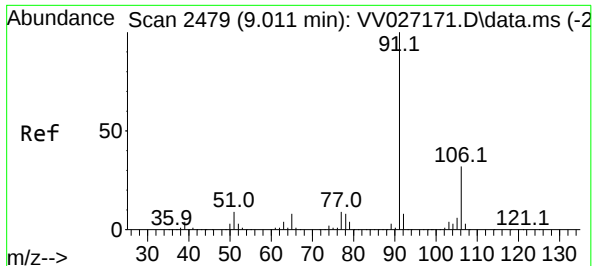
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.3

77 54.5 44.9 67.3





#52

Ethylbenzene

Concen: 51.023 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

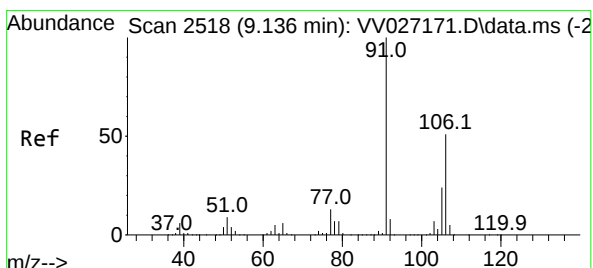
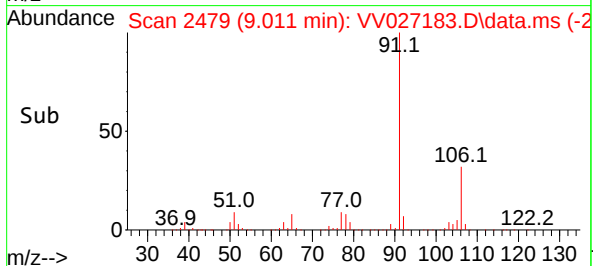
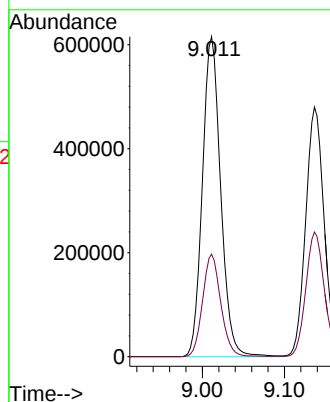
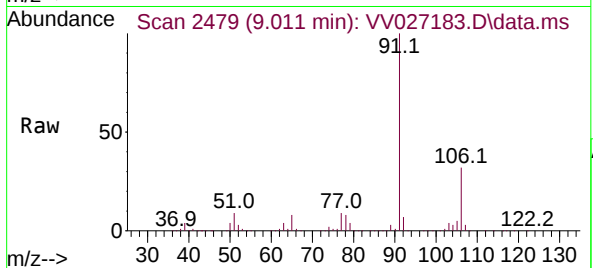
EY157MSD

Tgt Ion: 91 Resp: 954024

Ion Ratio Lower Upper

91 100

106 32.1 22.1 41.1



#53

m,p-Xylene

Concen: 51.724 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027183.D

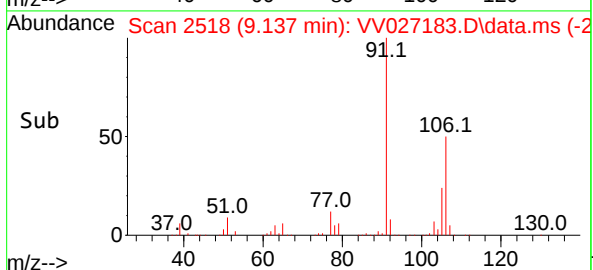
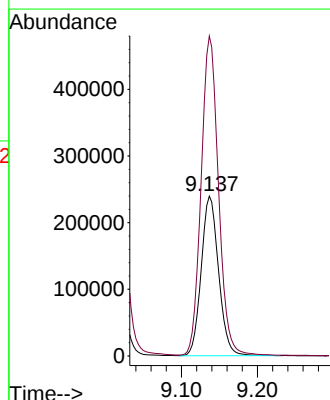
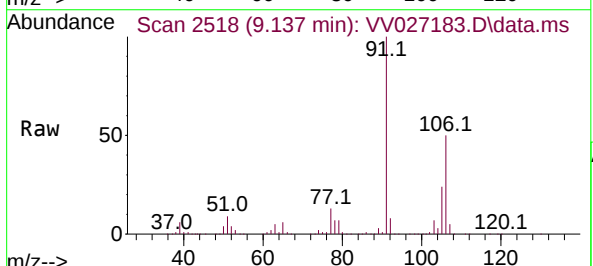
Acq: 02 Aug 2022 20:14

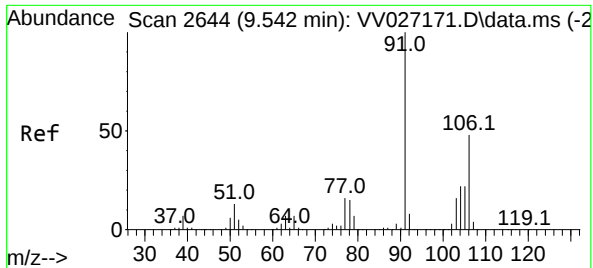
Tgt Ion: 106 Resp: 379380

Ion Ratio Lower Upper

106 100

91 200.3 138.5 257.3

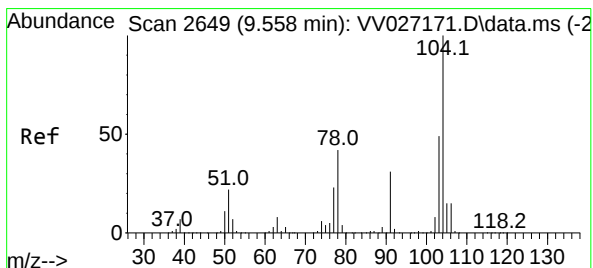
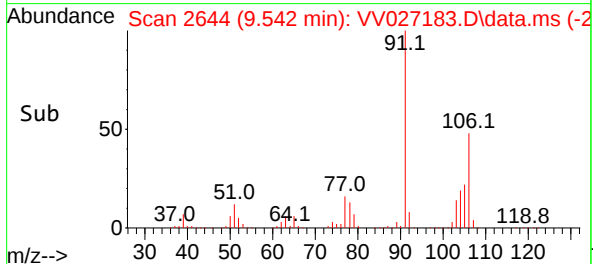
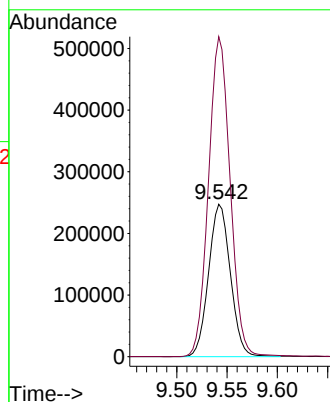
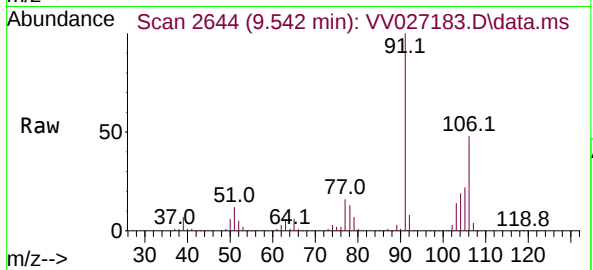




#54
o-Xylene
Concen: 51.927 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

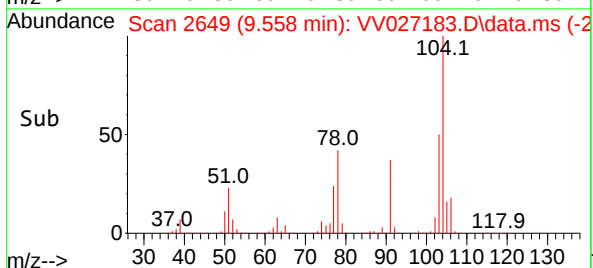
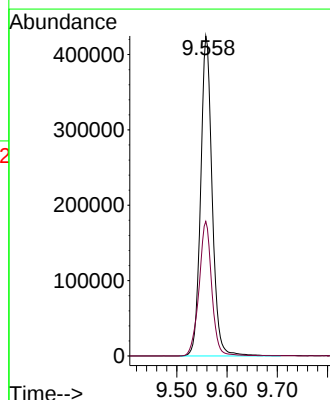
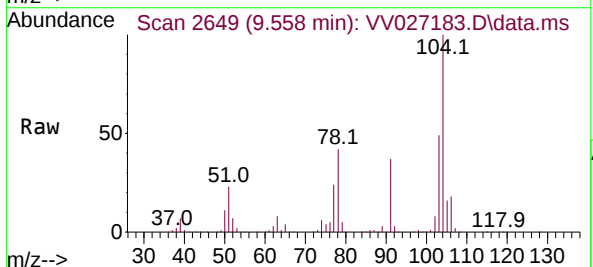
Instrument : MSVOA_V
ClientSampleId : EY157MSD

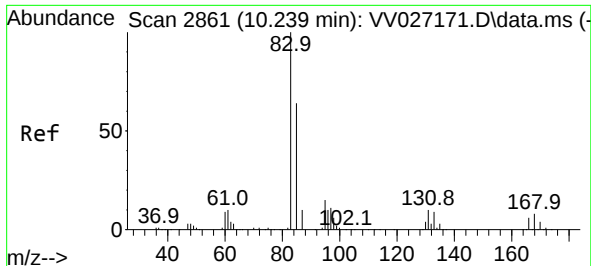
Tgt Ion:106 Resp: 372831
Ion Ratio Lower Upper
106 100
91 209.7 145.1 269.5



#55
Styrene
Concen: 54.260 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

Tgt Ion:104 Resp: 677100
Ion Ratio Lower Upper
104 100
78 42.1 29.2 54.2





#57

1,1,2,2-Tetrachloroethane

Concen: 50.101 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EY157MSD

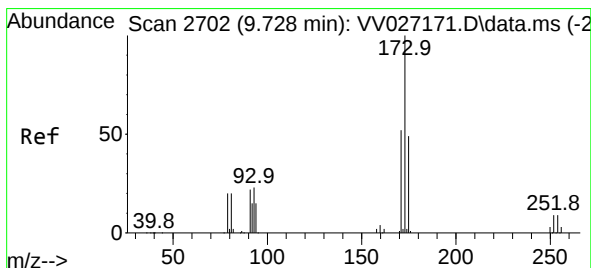
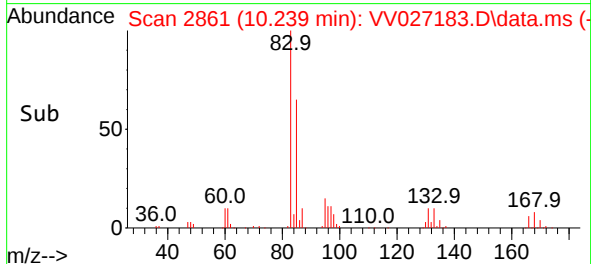
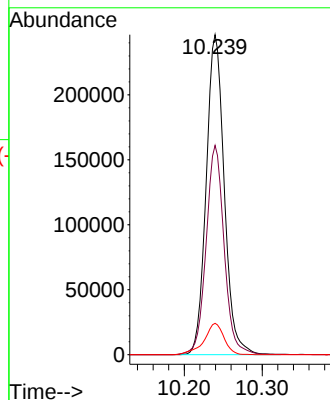
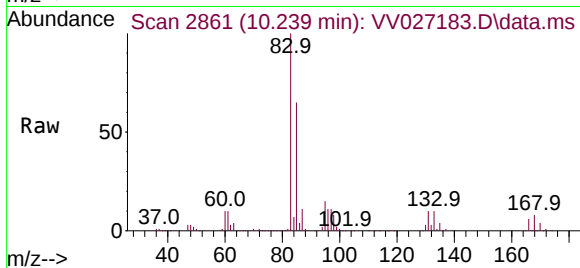
Tgt Ion: 83 Resp: 396505

Ion Ratio Lower Upper

83 100

85 65.4 45.2 84.0

131 9.8 7.8 11.6



#59

Bromoform

Concen: 47.056 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

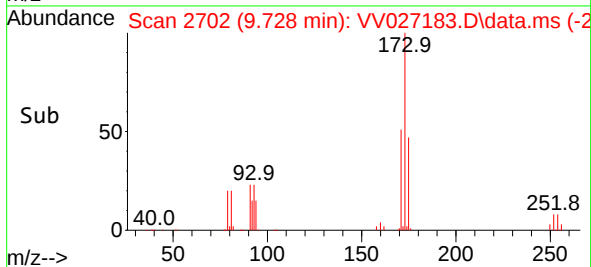
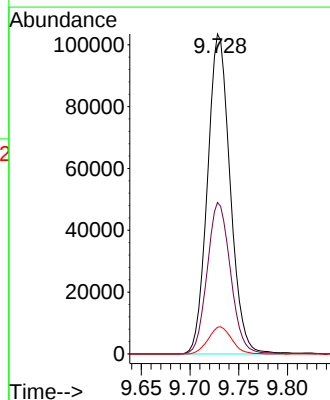
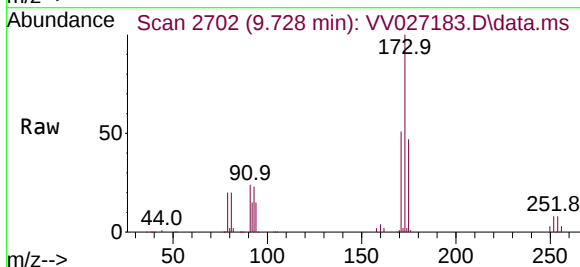
Tgt Ion: 173 Resp: 167497

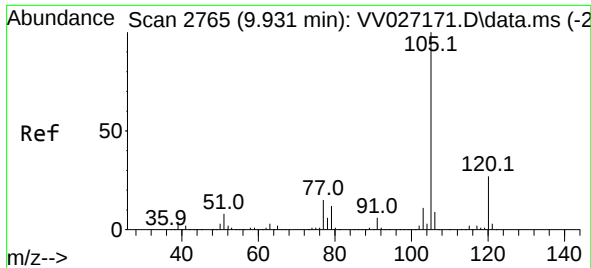
Ion Ratio Lower Upper

173 100

175 48.7 38.2 57.4

254 8.8 6.8 10.2

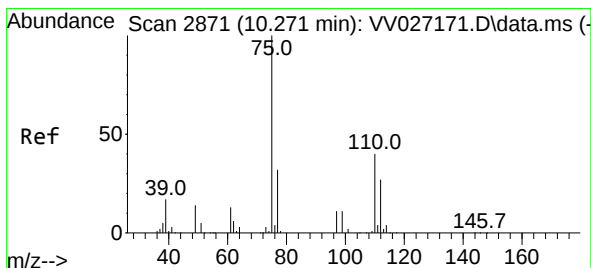
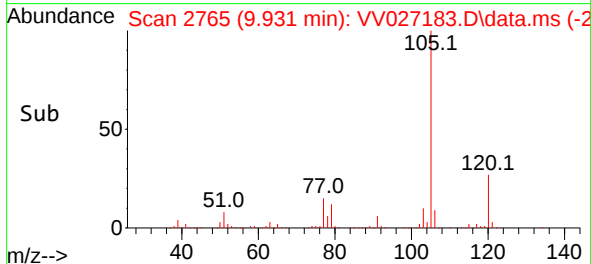
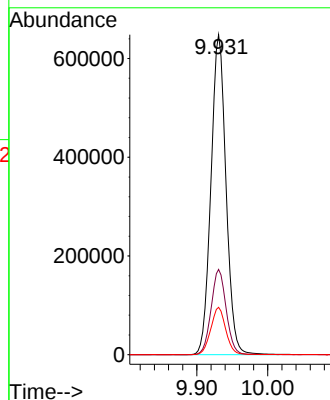
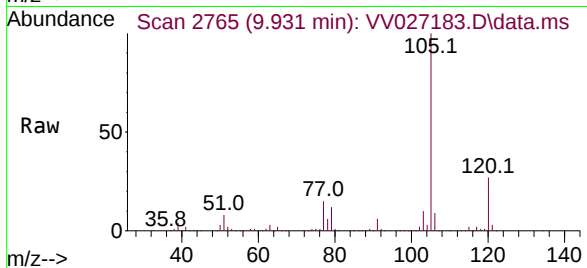




#60
Isopropylbenzene
Concen: 50.502 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

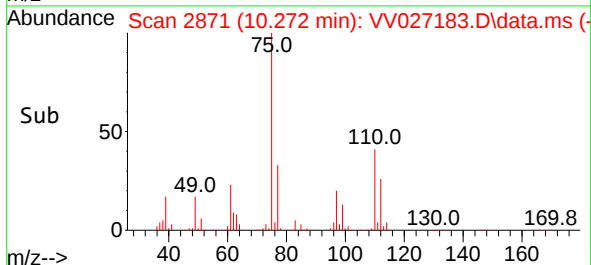
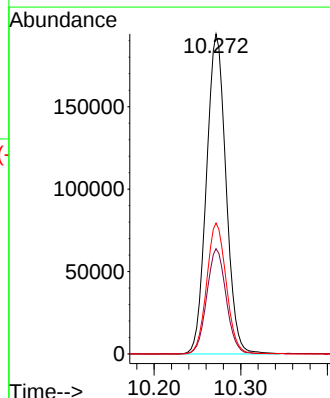
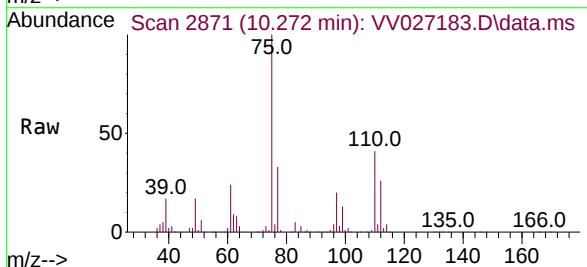
Instrument :
MSVOA_V
ClientSampleId :
EY157MSD

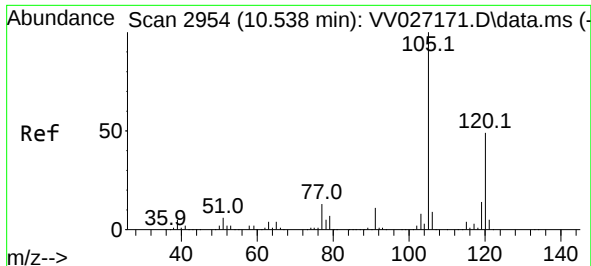
Tgt Ion:105 Resp: 955399
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.2
77 14.8 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 47.557 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

Tgt Ion: 75 Resp: 304422
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
110 40.9 32.8 49.2





#62

1,3,5-Trimethylbenzene

Concen: 48.158 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027183.D

Acq: 02 Aug 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

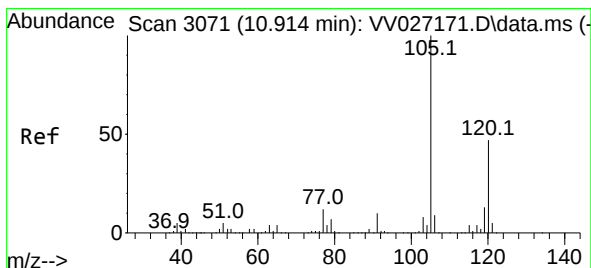
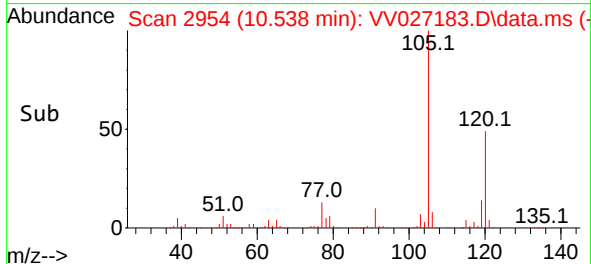
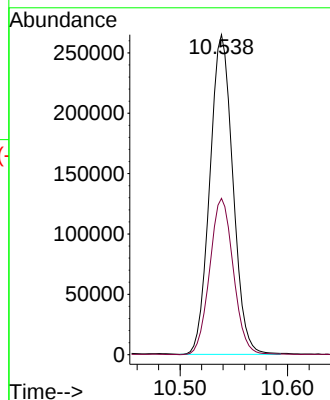
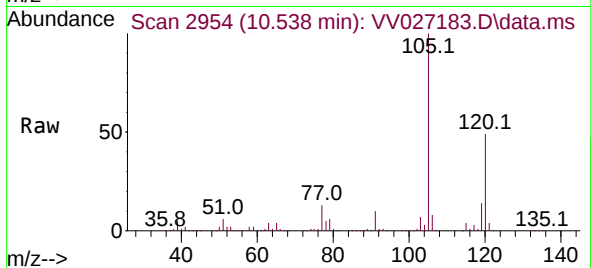
EY157MSD

Tgt Ion:105 Resp: 394618

Ion Ratio Lower Upper

105 100

120 50.2 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 49.076 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV027183.D

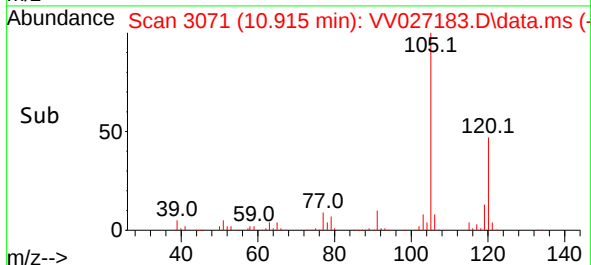
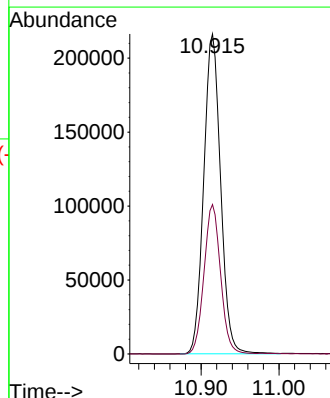
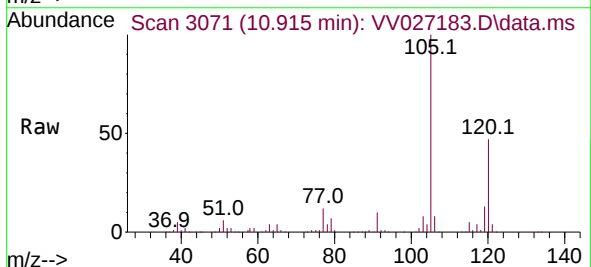
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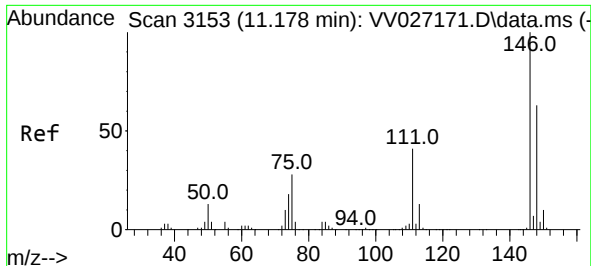
Tgt Ion:105 Resp: 324913

Ion Ratio Lower Upper

105 100

120 45.8 36.5 54.7

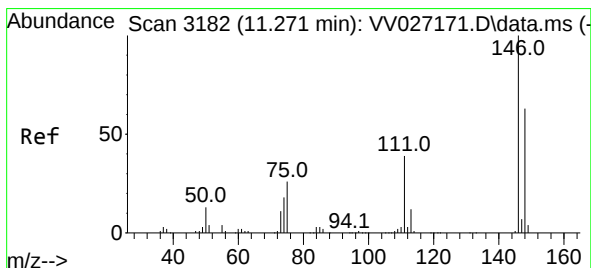
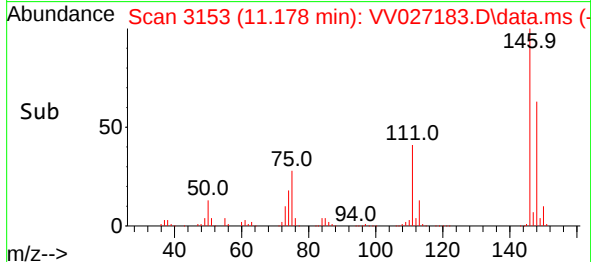
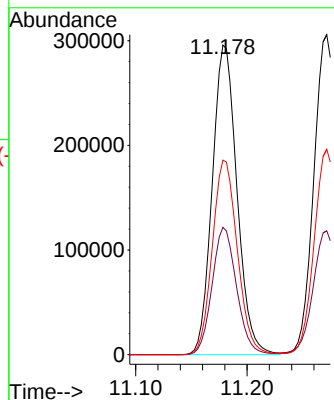
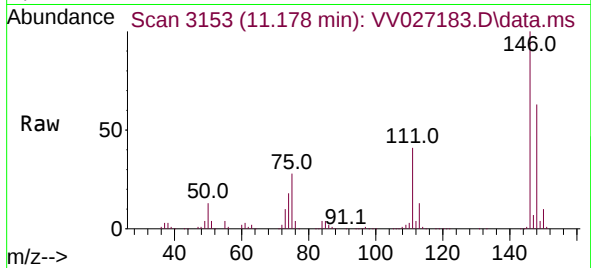




#64
1,3-Dichlorobenzene
Concen: 48.965 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

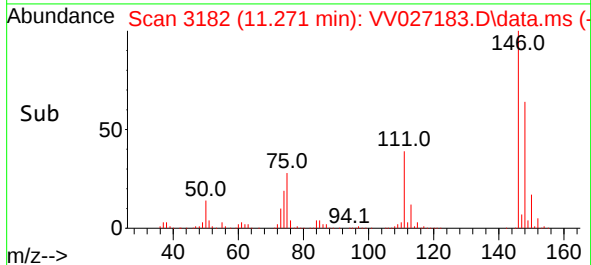
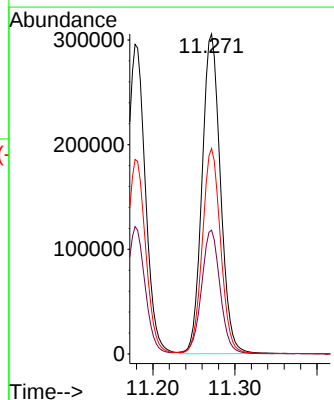
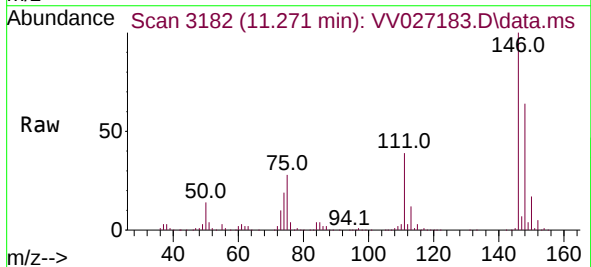
Instrument :
MSVOA_V
ClientSampleId :
EY157MSD

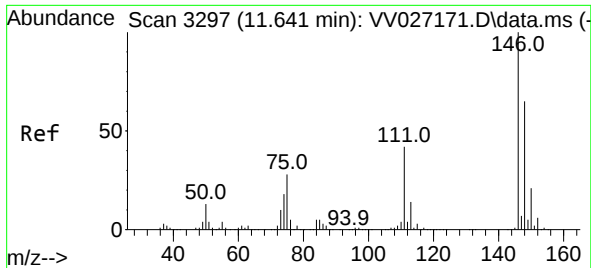
Tgt Ion:146 Resp: 456528
Ion Ratio Lower Upper
146 100
111 41.1 28.6 53.2
148 62.8 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 48.319 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

Tgt Ion:146 Resp: 475254
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.4
148 64.2 44.2 82.2

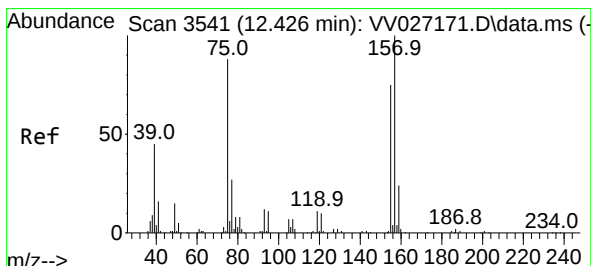
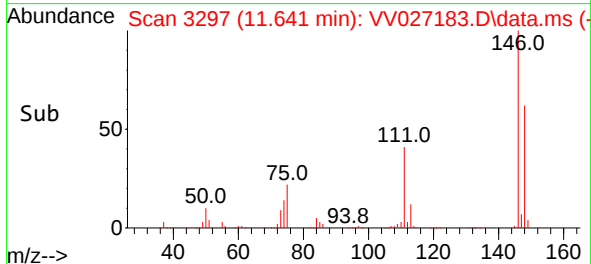
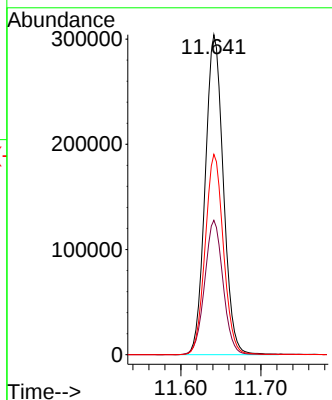
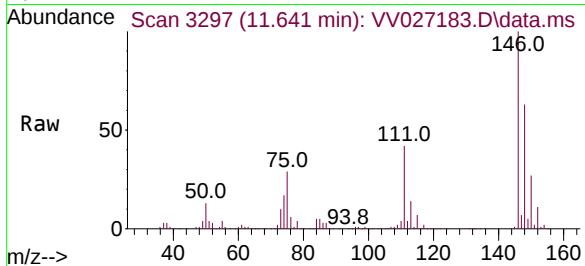




#67
1,2-Dichlorobenzene
Concen: 49.036 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

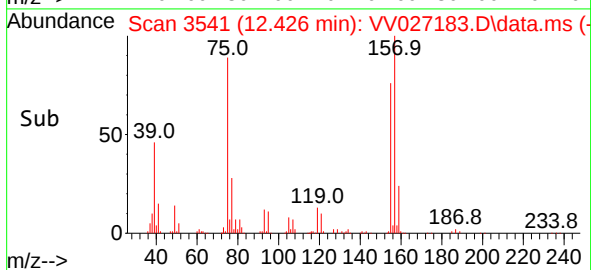
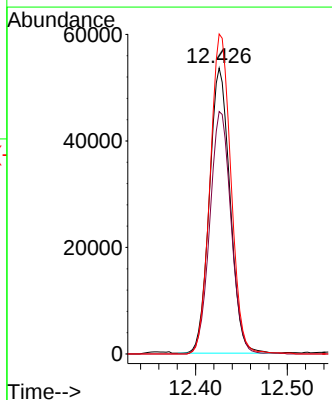
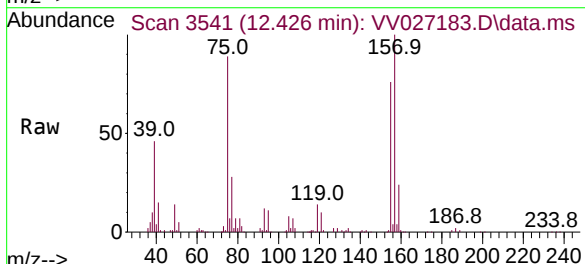
Instrument :
MSVOA_V
ClientSampleId :
EY157MSD

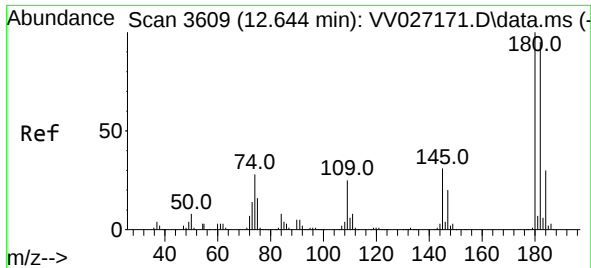
Tgt Ion:146 Resp: 480102
Ion Ratio Lower Upper
146 100
111 42.0 32.8 49.2
148 62.6 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 49.022 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

Tgt Ion: 75 Resp: 83954
Ion Ratio Lower Upper
75 100
155 84.8 69.6 104.4
157 111.9 88.1 132.1

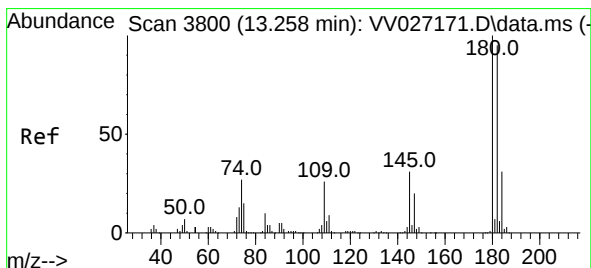
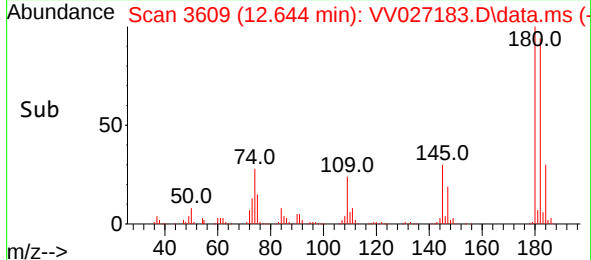
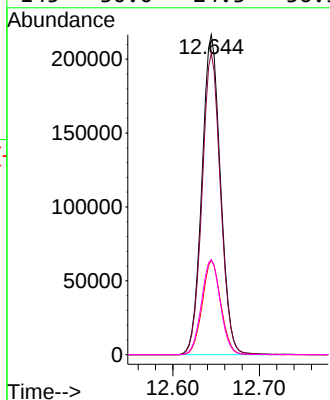
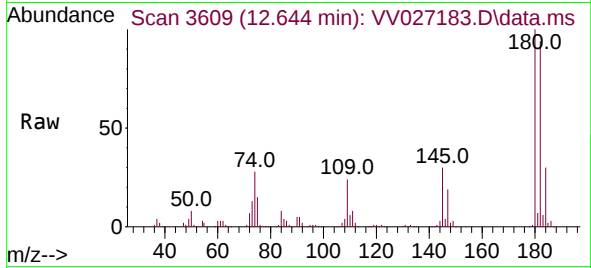




#69
 1,3,5-Trichlorobenzene
 Concen: 48.842 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV027183.D
 Acq: 02 Aug 2022 20:14

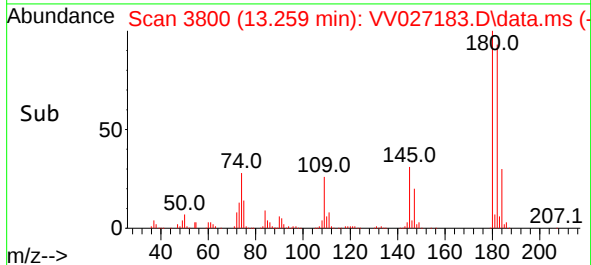
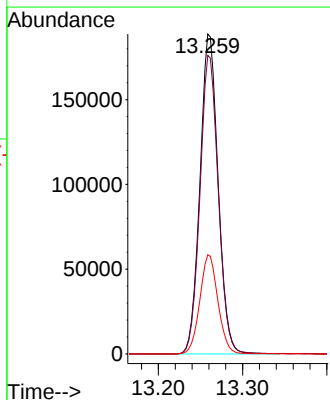
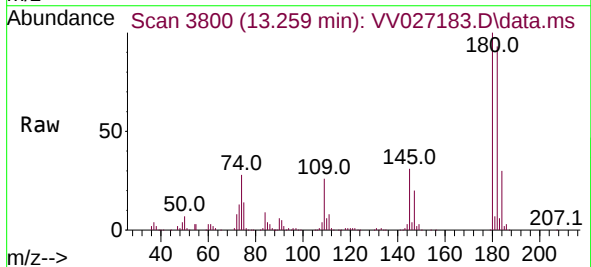
Instrument :
 MSVOA_V
 ClientSampleId :
 EY157MSD

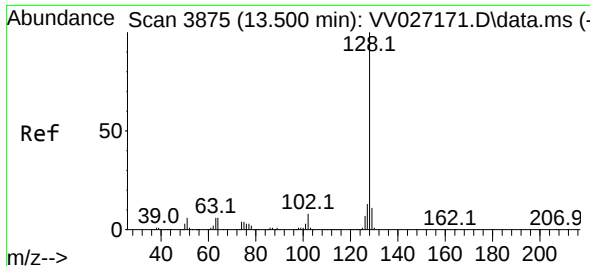
Tgt Ion:180	Resp:	323081
Ion Ratio	Lower	Upper
180	100	
182	93.5	75.3 112.9
184	29.4	24.3 36.5
145	30.0	24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 51.127 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV027183.D
 Acq: 02 Aug 2022 20:14

Tgt Ion:180	Resp:	283965
Ion Ratio	Lower	Upper
180	100	
182	93.8	75.2 112.8
145	30.9	24.7 37.1

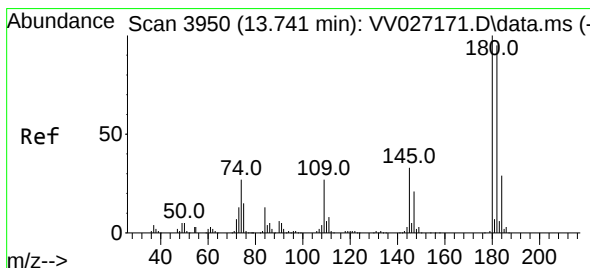
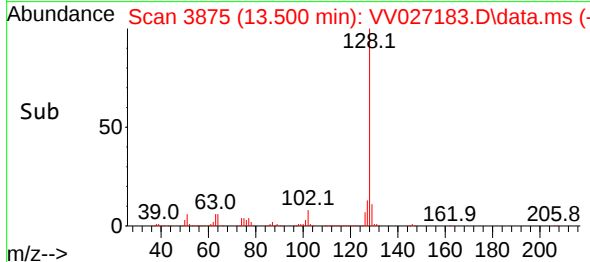
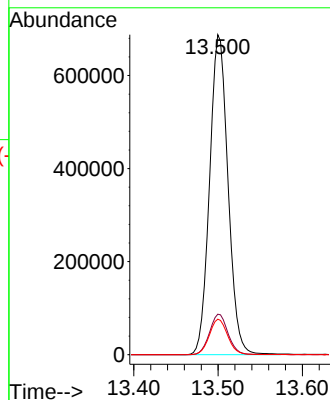
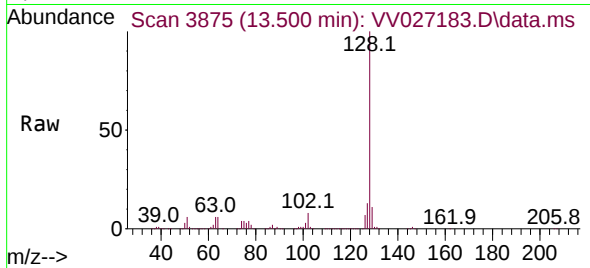




#71
Naphthalene
Concen: 57.337 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

Instrument :
MSVOA_V
ClientSampleId :
EY157MSD

Tgt Ion:128 Resp: 1046092
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.1 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 53.007 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027183.D
Acq: 02 Aug 2022 20:14

Tgt Ion:180 Resp: 321949
Ion Ratio Lower Upper
180 100
182 95.4 76.3 114.5
145 35.8 26.8 40.2

