

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027334.D
 Acq On : 12 Aug 2022 15:59
 Operator : SY/MD
 Sample : N4145-04MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY132MSD

Quant Time: Aug 13 01:38:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 08:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	164887	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	173612	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93954	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	56814	3.966	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.400%	
7) Chloroethane-d5	1.561	69	44338	4.262	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.200%	
11) 1,1-Dichloroethene-d2	2.105	63	102058	3.928	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.600%	
20) 2-Butanone-d5	3.873	46	132419	54.581	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.160%	
24) Chloroform-d	4.346	84	120195	4.575	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
26) 1,2-Dichloroethane-d4	5.027	65	56558	4.519	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
32) Benzene-d6	5.047	84	204184	3.987	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
36) 1,2-Dichloropropane-d6	6.066	67	66394	4.193	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.800%	
41) Toluene-d8	7.314	98	189780	4.048	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.000%	
43) trans-1,3-Dichloroprop...	7.622	79	23818	4.342	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.800%	
46) 2-Hexanone-d5	8.085	63	100730	47.454	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.900%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53590	4.678	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	68715	4.237	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	100409	5.124	ug/L	99
3) Chloromethane	1.237	50	99383	5.070	ug/L	98
5) Vinyl chloride	1.307	62	87247	4.772	ug/L	99
6) Bromomethane	1.513	94	45215	5.297	ug/L	100
8) Chloroethane	1.577	64	48411	4.763	ug/L	96
9) Trichlorofluoromethane	1.748	101	121368	4.972	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	58163	5.074	ug/L	97
12) 1,1-Dichloroethene	2.111	96	55183	4.647	ug/L	93
13) Acetone	2.156	43	87488	48.798	ug/L	96
14) Carbon disulfide	2.288	76	218664	4.599	ug/L	98
15) Methyl Acetate	2.429	43	22834	5.231	ug/L	95
16) Methylene chloride	2.500	84	73662	3.863	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	130339	4.703	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	68848	4.714	ug/L	97
19) 1,1-Dichloroethane	3.185	63	134514	4.811	ug/L	99
21) 2-Butanone	3.960	43	143989	58.984	ug/L	99
22) cis-1,2-Dichloroethene	3.909	96	69843	4.863	ug/L	95
23) Bromochloromethane	4.246	128	32410	4.828	ug/L	99
25) Chloroform	4.372	83	136688	4.758	ug/L	98

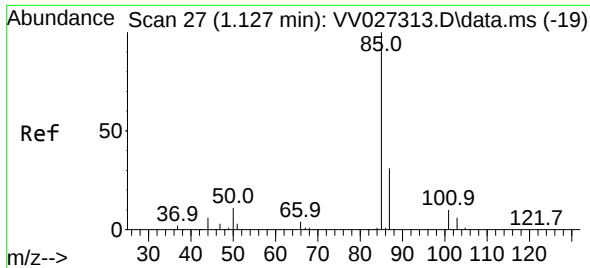
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 08:00:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	77396	4.714	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	118138	4.835	ug/L	99
30) Cyclohexane	4.671	56	98476	4.975	ug/L	99
31) Carbon tetrachloride	4.825	117	105186	4.947	ug/L	98
33) Benzene	5.095	78	282685	4.764	ug/L	100
34) Trichloroethene	5.912	95	69423	4.700	ug/L	99
35) Methylcyclohexane	6.127	83	99120	4.874	ug/L	99
37) 1,2-Dichloropropane	6.172	63	74164	5.057	ug/L	99
38) Bromodichloromethane	6.506	83	88231	4.668	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	90696	5.059	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	374053	49.417	ug/L	99
42) Toluene	7.384	91	310289	5.241	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	77401	4.935	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	49925	4.774	ug/L	99
47) Tetrachloroethene	7.973	164	58044	5.004	ug/L	96
48) 2-Hexanone	8.137	43	271591	50.001	ug/L	98
49) Dibromochloromethane	8.243	129	59581	4.867	ug/L	97
50) 1,2-Dibromoethane	8.352	107	45929	4.940	ug/L	94
51) Chlorobenzene	8.879	112	191412	4.964	ug/L	99
52) Ethylbenzene	9.011	91	299835	5.040	ug/L	99
53) m,p-Xylene	9.137	106	117904	5.197	ug/L	98
54) o-Xylene	9.542	106	112410	5.066	ug/L	98
55) Styrene	9.561	104	202915	5.318	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	56510	4.848	ug/L	96
59) Bromoform	9.731	173	28657	4.523	ug/L	97
60) Isopropylbenzene	9.931	105	298167	5.039	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	40759	4.504	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	77025	4.709	ug/L	95
63) 1,2,4-Trimethylbenzene	10.915	105	223599	4.769	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	148233	5.013	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	144754	4.865	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	137139	4.980	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	8654	4.578	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	102976	4.829	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	74351	4.666	ug/L	97
71) Naphthalene	13.500	128	109353	4.441	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	67550	4.548	ug/L	96

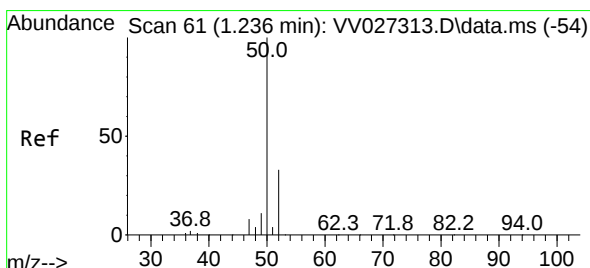
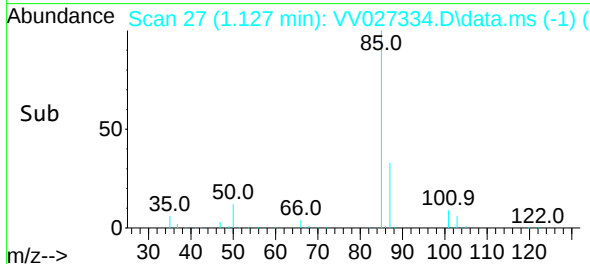
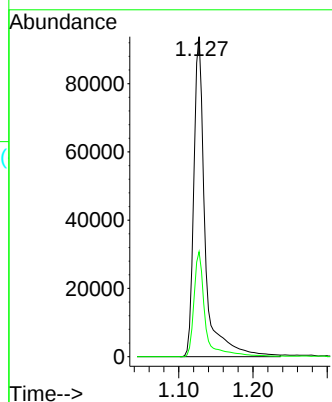
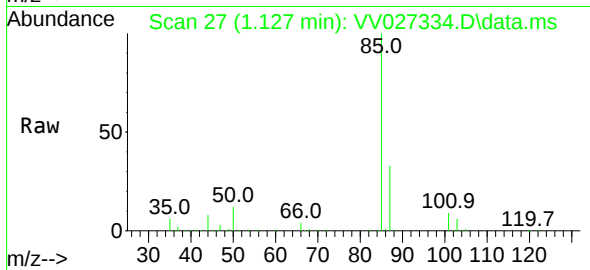
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.124 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV027334.D
 Acq: 12 Aug 2022 15:59

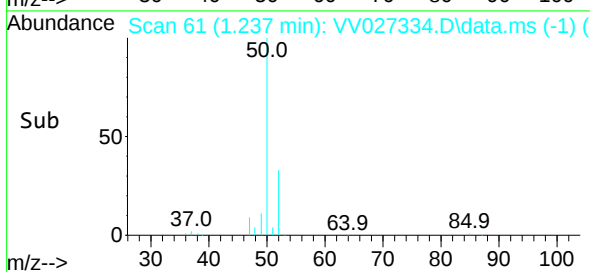
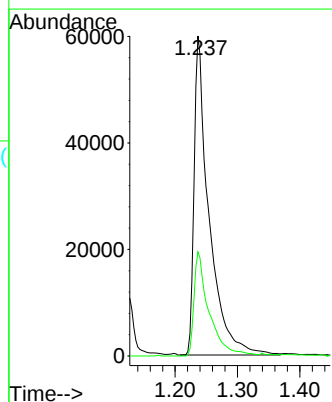
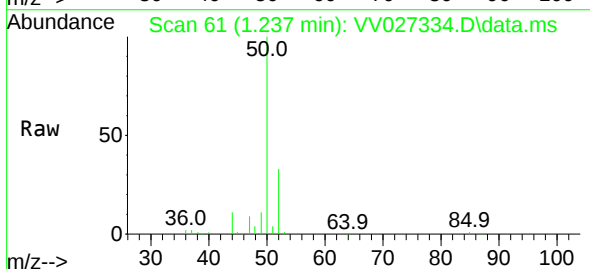
Instrument :
 MSVOA_V
 ClientSampleId :
 EY132MSD

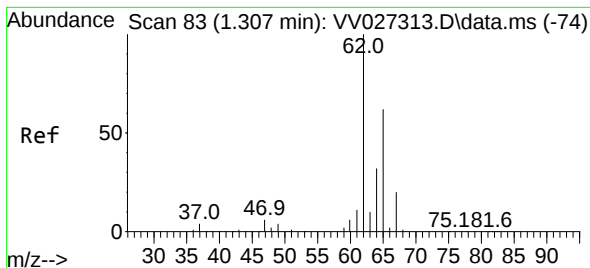
Tgt Ion: 85 Resp: 100409
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.2 39.4



#3
 Chloromethane
 Concen: 5.070 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV027334.D
 Acq: 12 Aug 2022 15:59

Tgt Ion: 50 Resp: 99383
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.4 43.4





#5

Vinyl chloride

Concen: 4.772 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.000 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

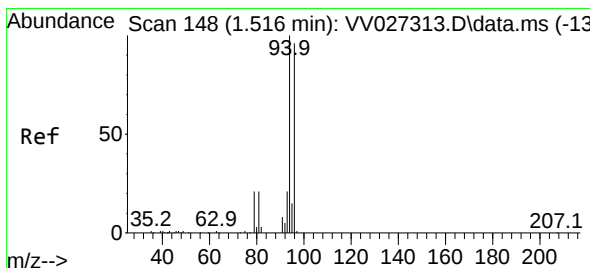
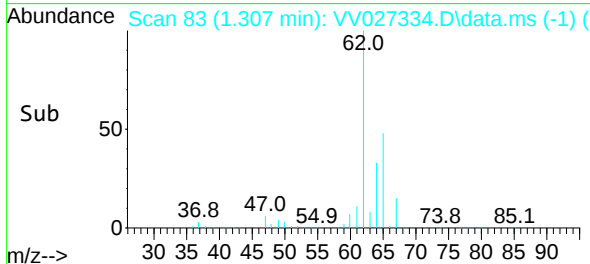
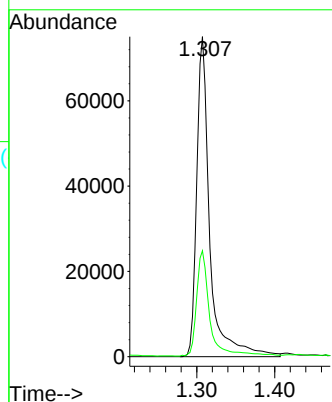
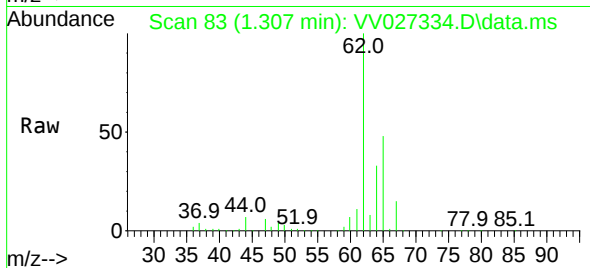
EY132MSD

Tgt Ion: 62 Resp: 87247

Ion Ratio Lower Upper

62 100

64 33.1 23.7 44.1



#6

Bromomethane

Concen: 5.297 ug/L

RT: 1.513 min Scan# 147

Delta R.T. -0.003 min

Lab File: VV027334.D

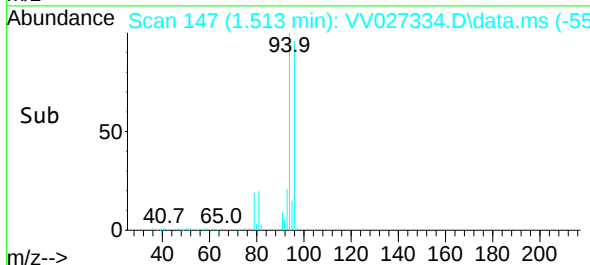
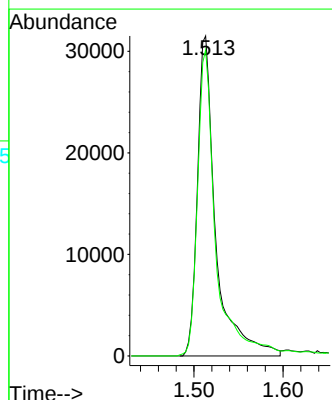
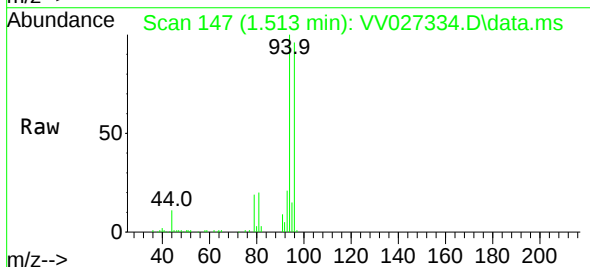
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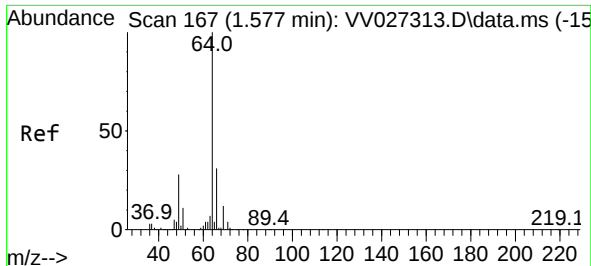
Tgt Ion: 94 Resp: 45215

Ion Ratio Lower Upper

94 100

96 95.6 67.2 124.8

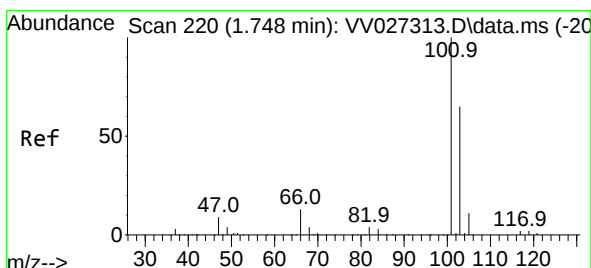
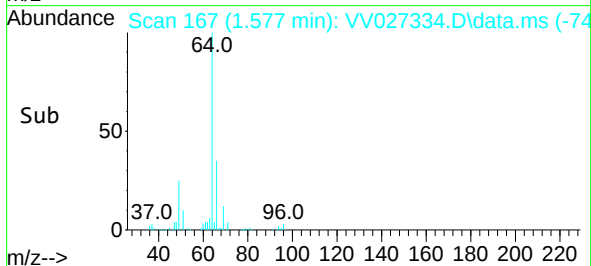
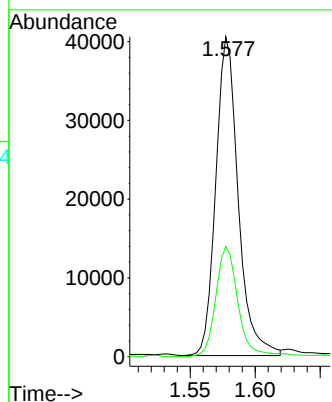
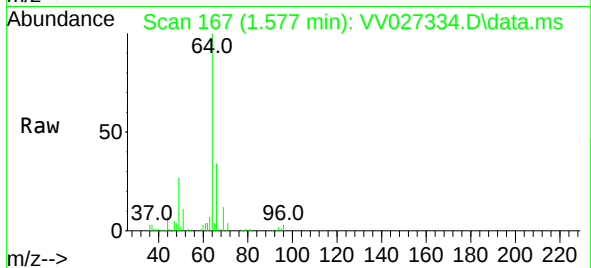




#8
Chloroethane
Concen: 4.763 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

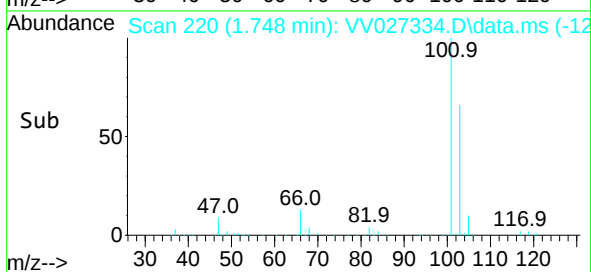
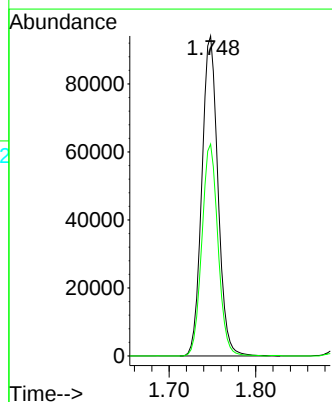
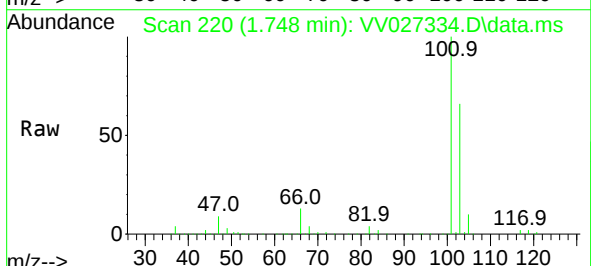
Instrument :
MSVOA_V
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EY132MSD

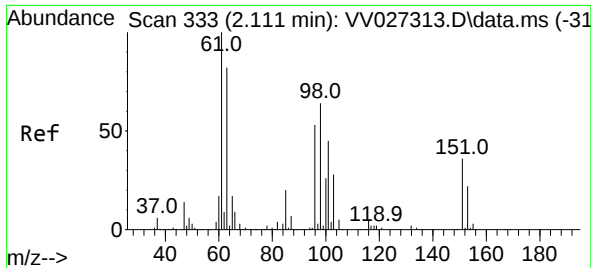
Tgt Ion: 64 Resp: 48411
Ion Ratio Lower Upper
64 100
66 34.4 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.972 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

Tgt Ion: 101 Resp: 121368
Ion Ratio Lower Upper
101 100
103 66.3 51.4 77.0

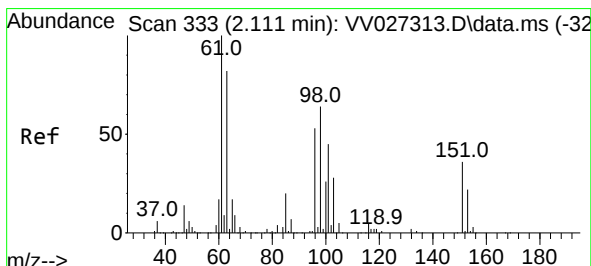
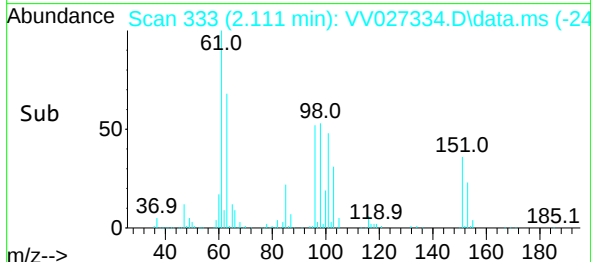
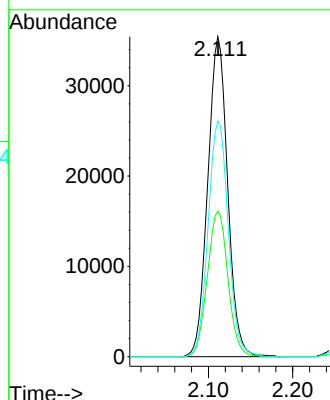
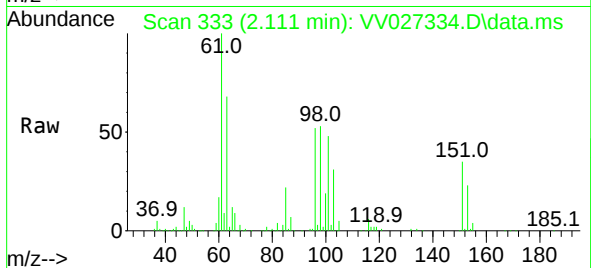




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.074 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027334.D
 Acq: 12 Aug 2022 15:59

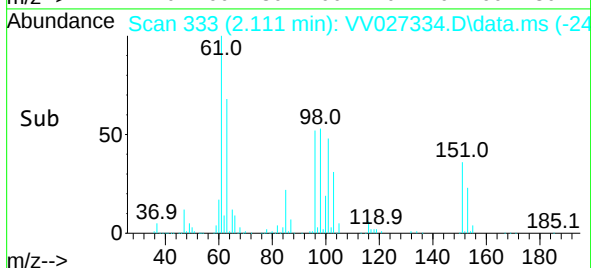
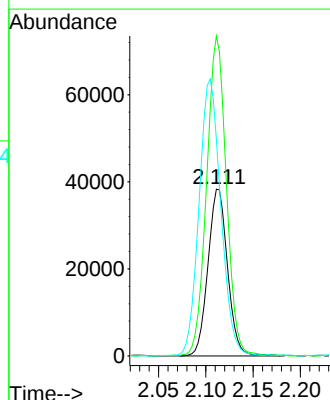
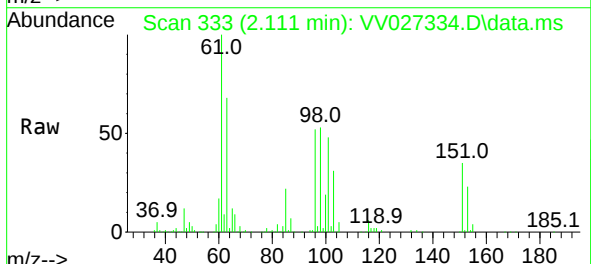
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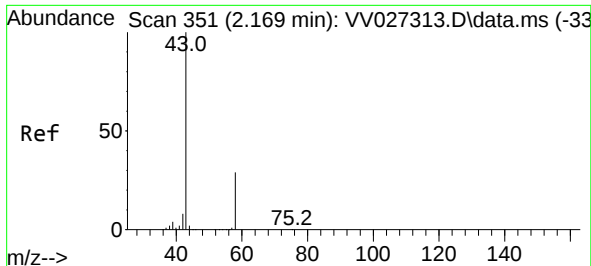
Tgt Ion:101 Resp: 58163
 Ion Ratio Lower Upper
 101 100
 85 47.1 36.2 54.4
 151 75.1 62.0 93.0



#12
 1,1-Dichloroethene
 Concen: 4.647 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV027334.D
 Acq: 12 Aug 2022 15:59

Tgt Ion: 96 Resp: 55183
 Ion Ratio Lower Upper
 96 100
 61 191.9 130.7 242.7
 63 130.0 101.4 188.2





#13

Acetone

Concen: 48.798 ug/L

RT: 2.156 min Scan# 34

Delta R.T. -0.013 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

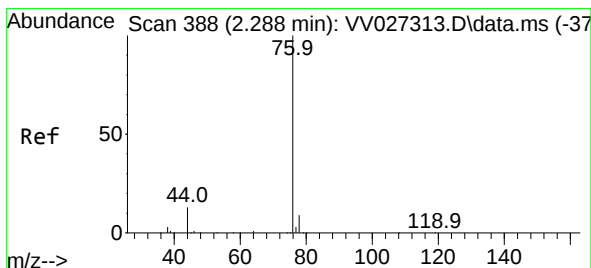
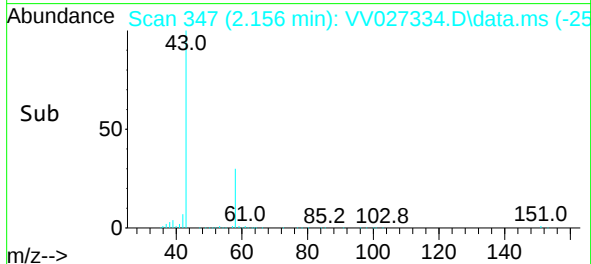
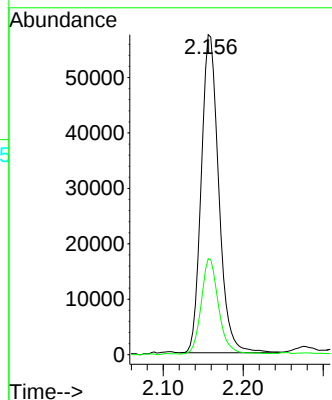
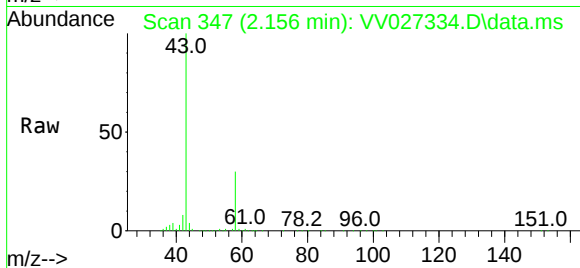
EY132MSD

Tgt Ion: 43 Resp: 87488

Ion Ratio Lower Upper

43 100

58 29.6 0.0 63.2



#14

Carbon disulfide

Concen: 4.599 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.000 min

Lab File: VV027334.D

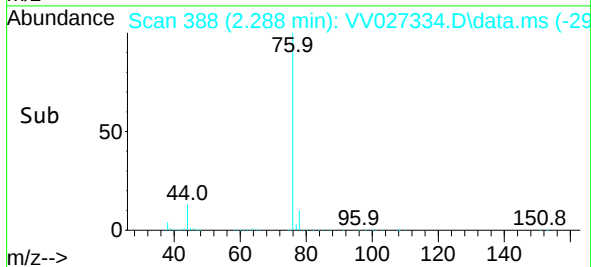
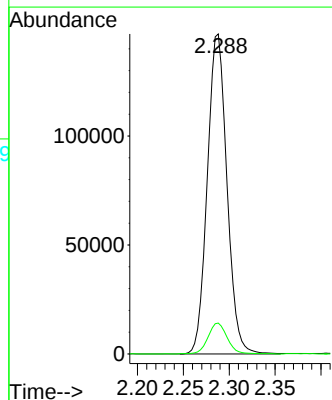
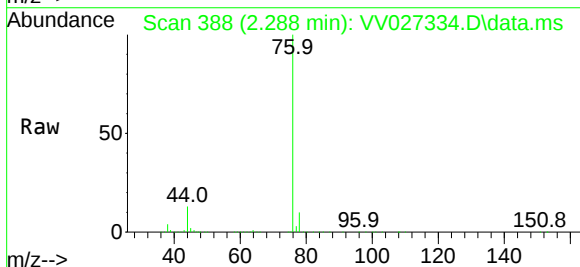
Acq: 12 Aug 2022 15:59

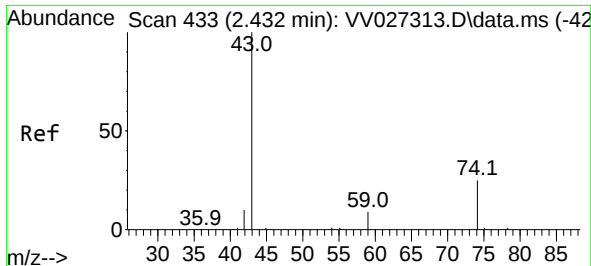
Tgt Ion: 76 Resp: 218664

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8

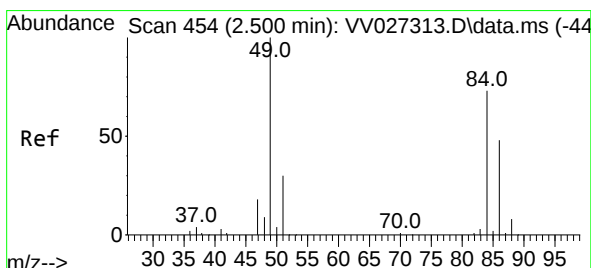
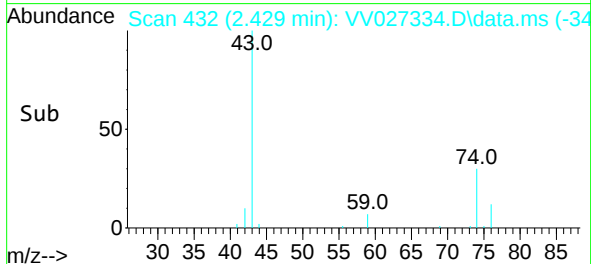
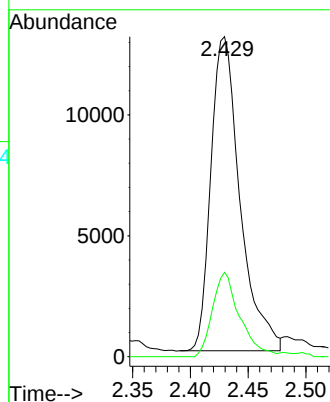
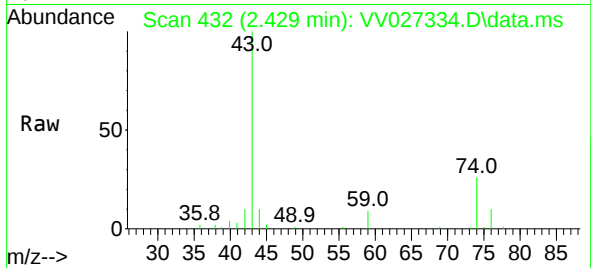




#15
Methyl Acetate
Concen: 5.231 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

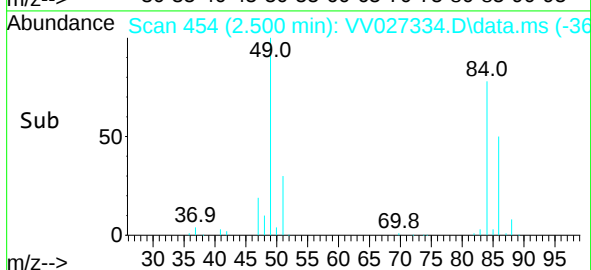
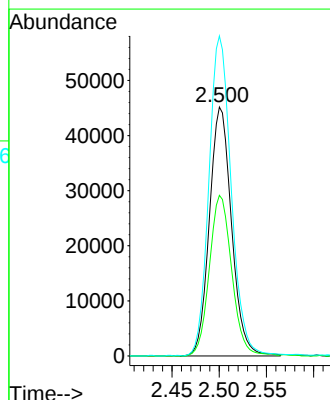
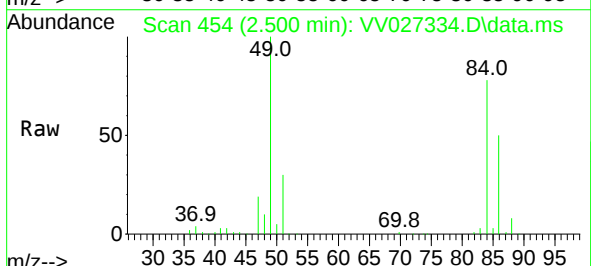
Instrument :
MSVOA_V
ClientSampleId :
EY132MSD

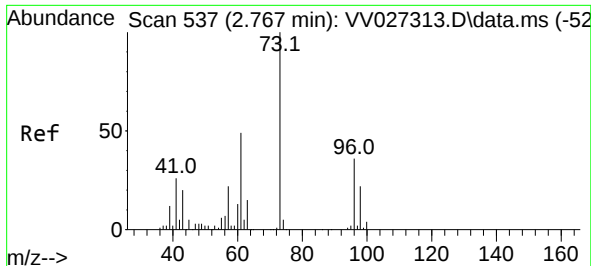
Tgt Ion: 43 Resp: 22834
Ion Ratio Lower Upper
43 100
74 24.9 21.8 32.8



#16
Methylene chloride
Concen: 3.863 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

Tgt Ion: 84 Resp: 73662
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.9
49 128.5 91.2 169.4

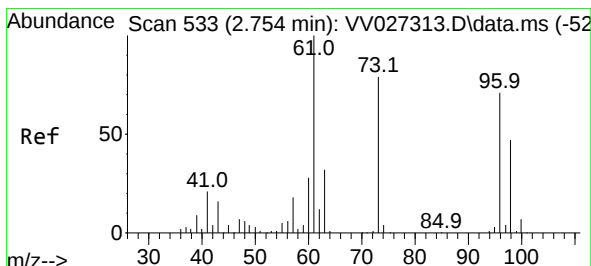
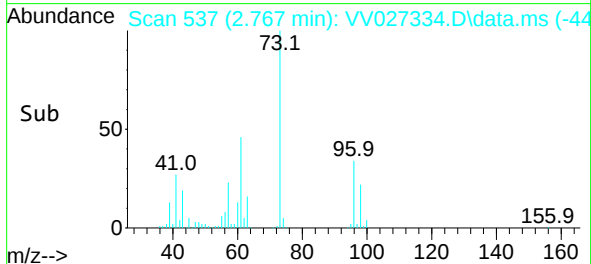
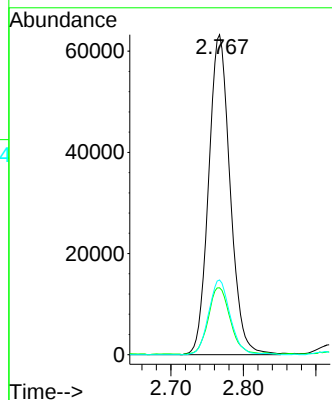
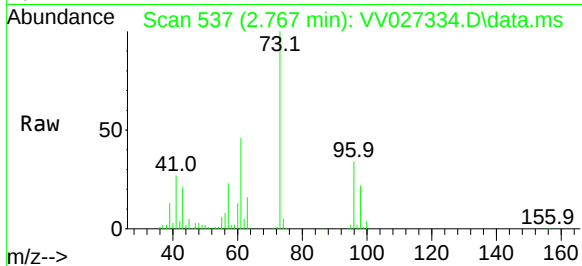




#17
Methyl tert-butyl Ether
Concen: 4.703 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

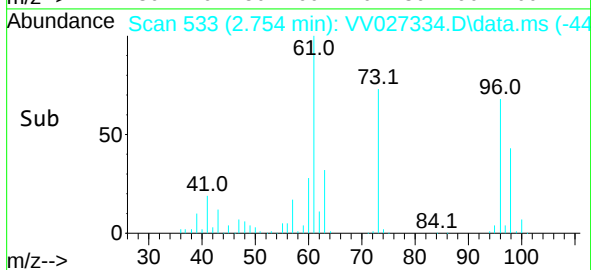
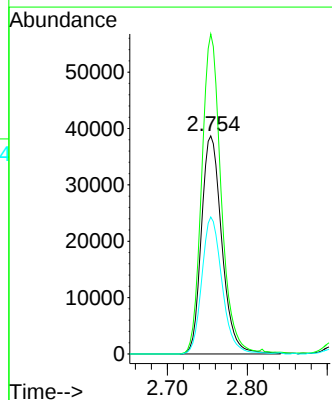
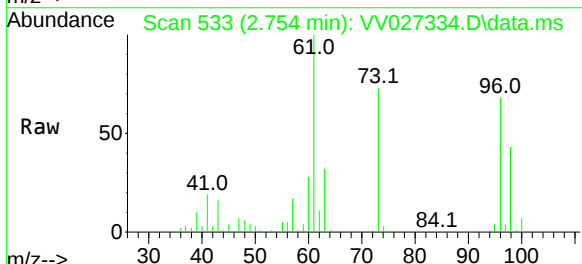
Instrument :
MSVOA_V
ClientSampleId :
EY132MSD

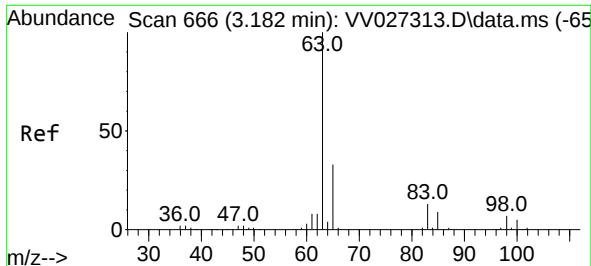
Tgt Ion: 73 Resp: 130339
Ion Ratio Lower Upper
73 100
43 21.7 15.8 23.8
57 23.3 18.3 27.5



#18
trans-1,2-Dichloroethene
Concen: 4.714 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

Tgt Ion: 96 Resp: 68848
Ion Ratio Lower Upper
96 100
61 146.8 99.6 185.0
98 62.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.811 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

EY132MSD

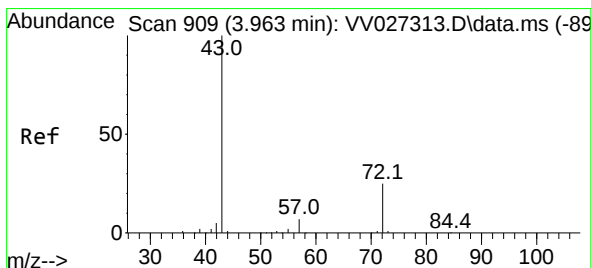
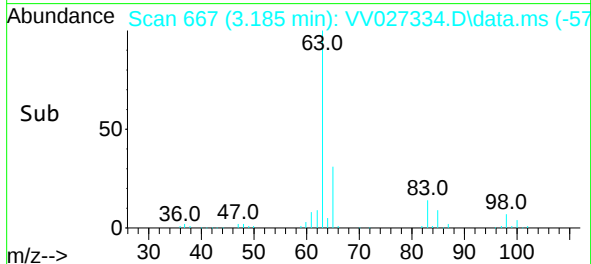
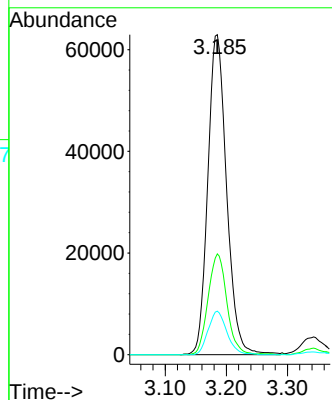
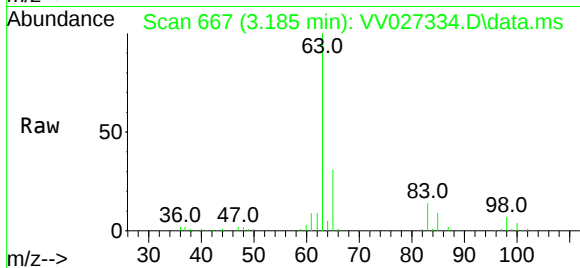
Tgt Ion: 63 Resp: 134514

Ion Ratio Lower Upper

63 100

65 31.5 21.6 40.2

83 13.6 9.3 17.3



#21

2-Butanone

Concen: 58.984 ug/L

RT: 3.960 min Scan# 908

Delta R.T. -0.003 min

Lab File: VV027334.D

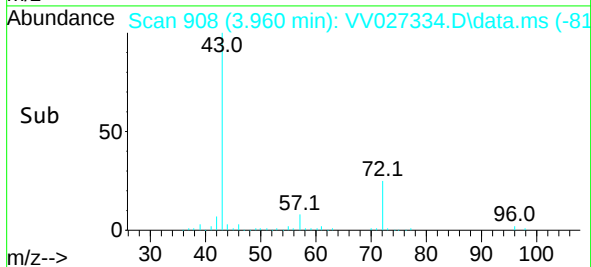
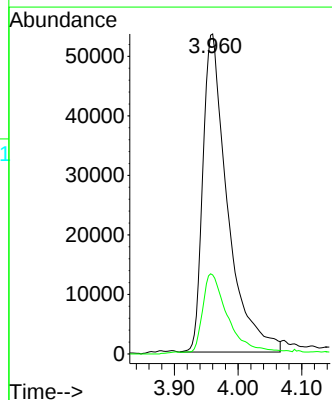
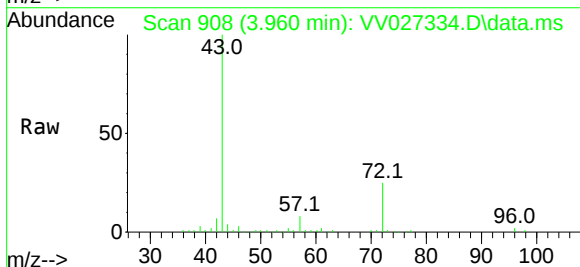
Acq: 12 Aug 2022 15:59

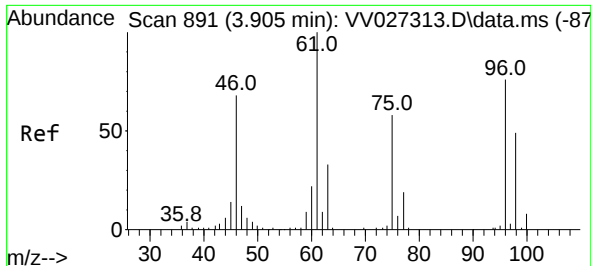
Tgt Ion: 43 Resp: 143989

Ion Ratio Lower Upper

43 100

72 25.4 12.9 38.6





#22

cis-1,2-Dichloroethene

Concen: 4.863 ug/L

RT: 3.909 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

EY132MSD

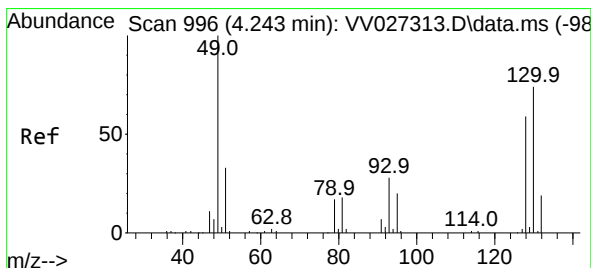
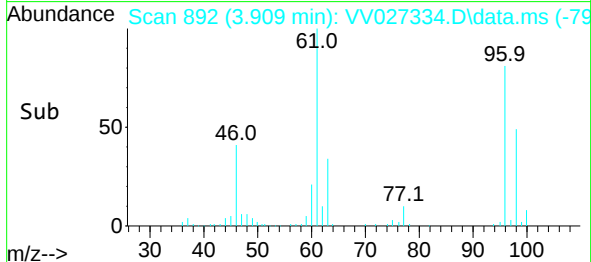
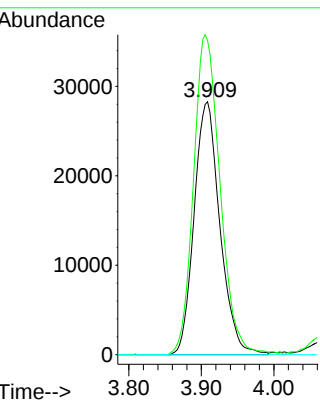
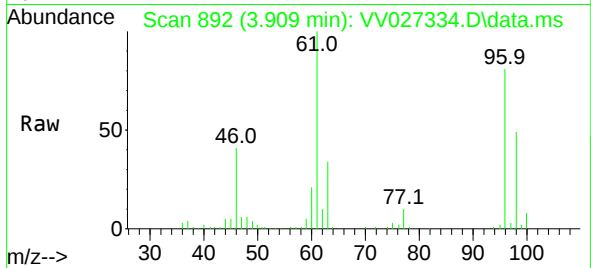
Tgt Ion: 96 Resp: 69843

Ion Ratio Lower Upper

96 100

61 124.2 91.3 169.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.828 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.003 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

Tgt Ion: 128 Resp: 32410

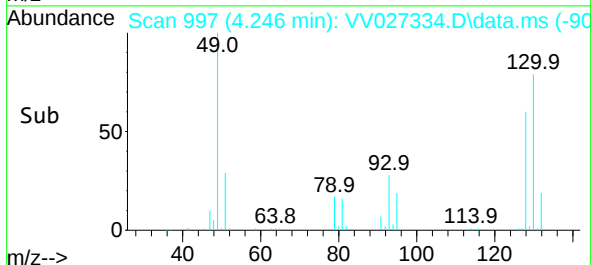
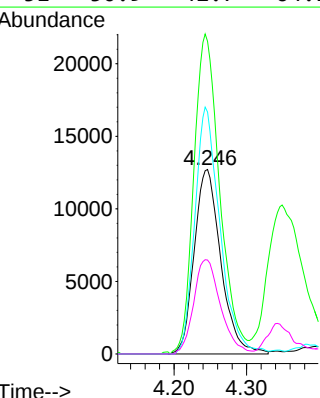
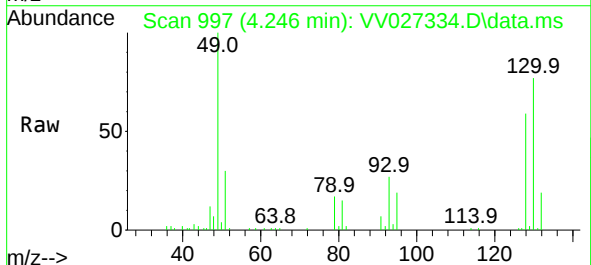
Ion Ratio Lower Upper

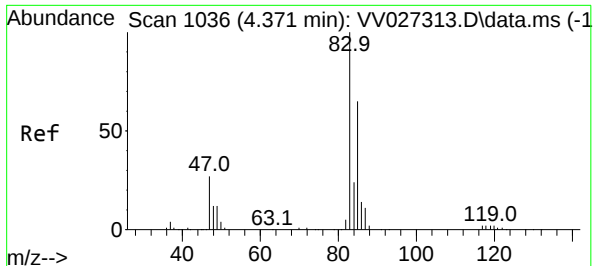
128 100

49 169.5 118.5 220.1

130 131.2 90.3 167.7

51 50.9 42.7 64.1





#25

Chloroform

Concen: 4.758 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

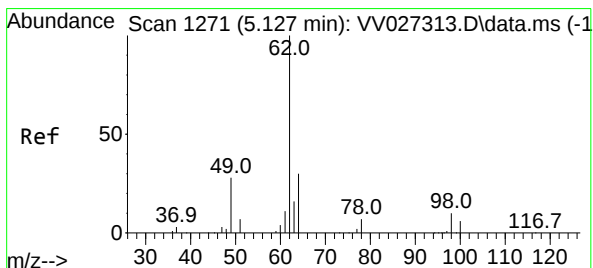
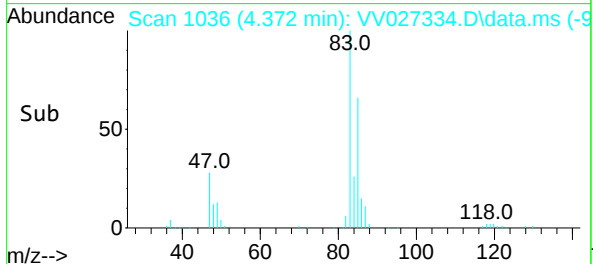
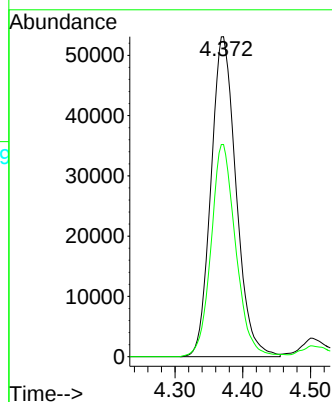
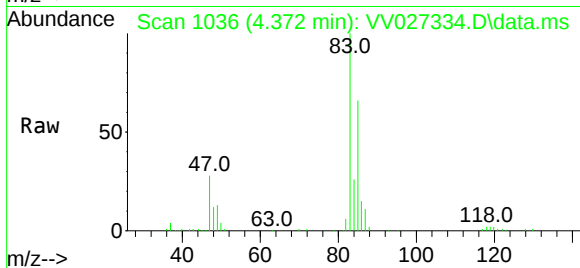
EY132MSD

Tgt Ion: 83 Resp: 136688

Ion Ratio Lower Upper

83 100

85 66.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.714 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV027334.D

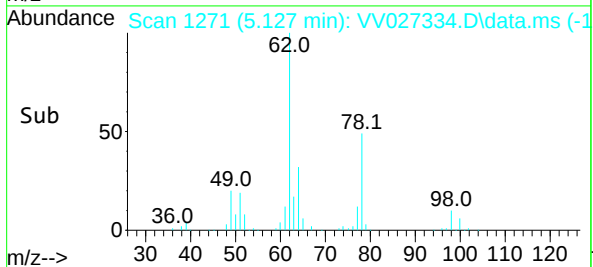
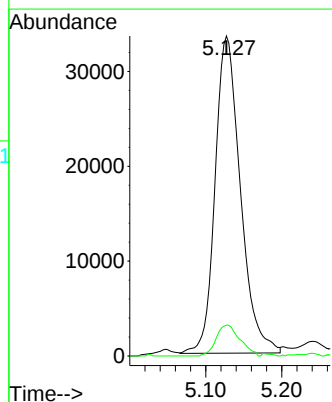
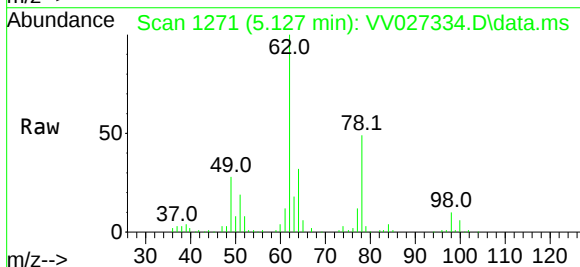
Acq: 12 Aug 2022 15:59

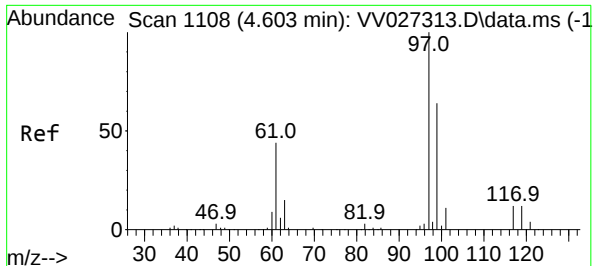
Tgt Ion: 62 Resp: 77396

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.835 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

EY132MSD

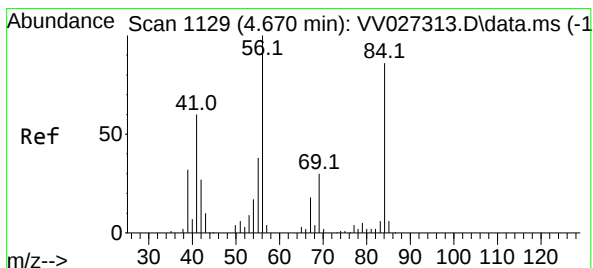
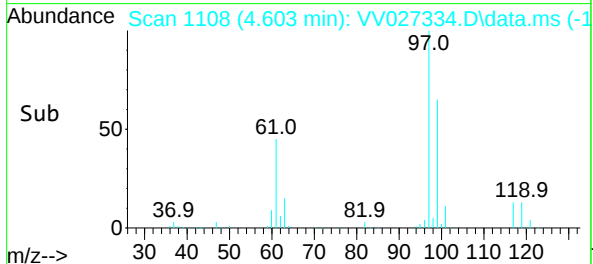
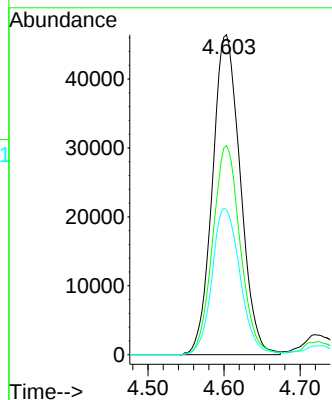
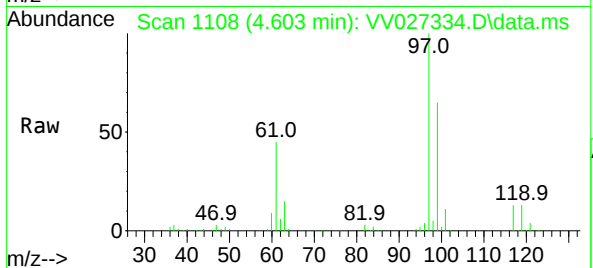
Tgt Ion: 97 Resp: 118138

Ion Ratio Lower Upper

97 100

99 64.6 50.8 76.2

61 46.0 36.5 54.7



#30

Cyclohexane

Concen: 4.975 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

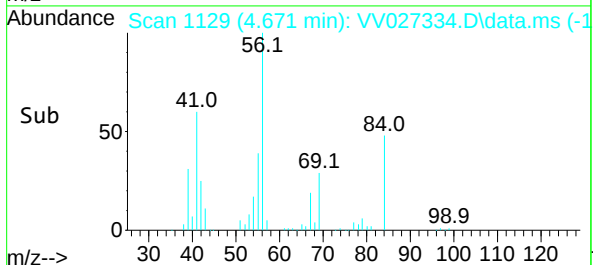
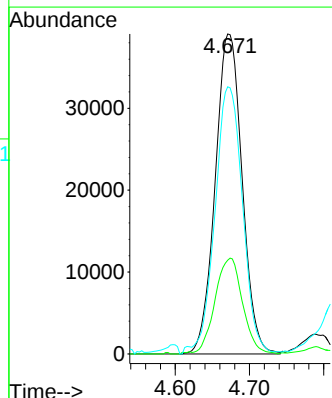
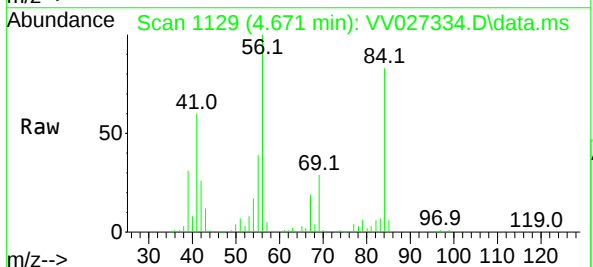
Tgt Ion: 56 Resp: 98476

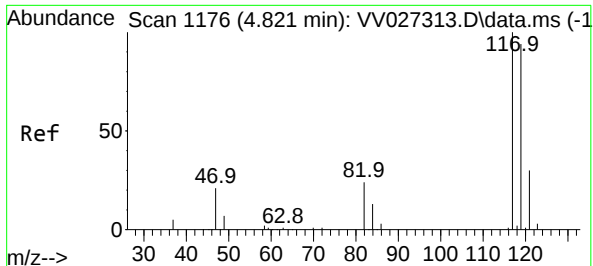
Ion Ratio Lower Upper

56 100

69 30.8 24.0 36.0

84 85.9 69.1 103.7

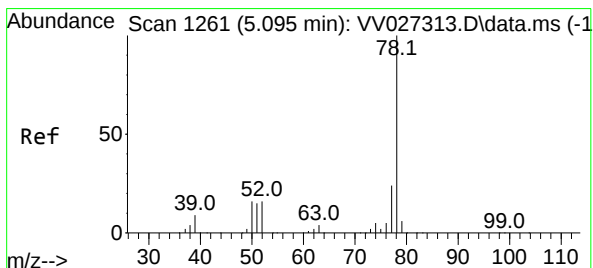
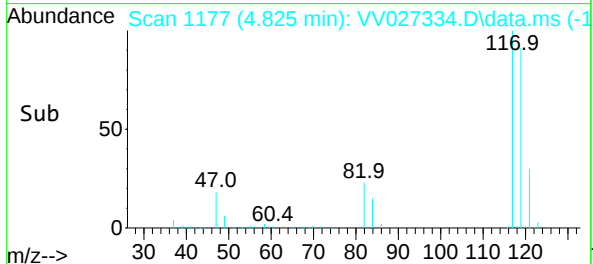
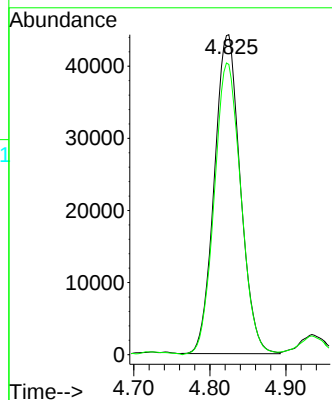
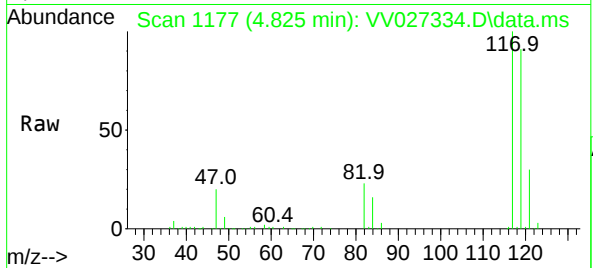




#31
Carbon tetrachloride
Concen: 4.947 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

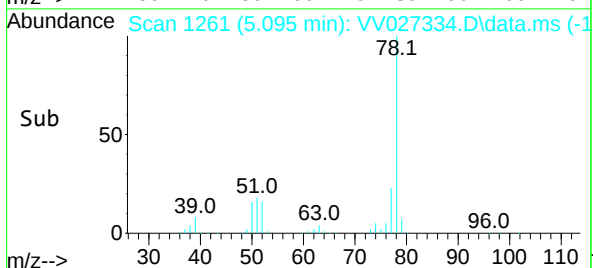
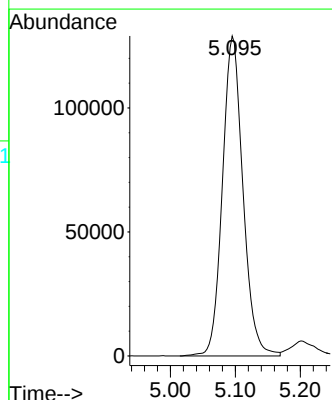
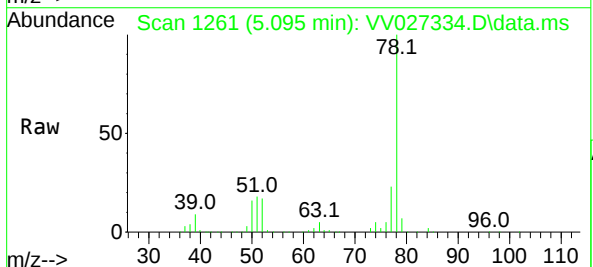
Instrument :
MSVOA_V
ClientSampleId :
EY132MSD

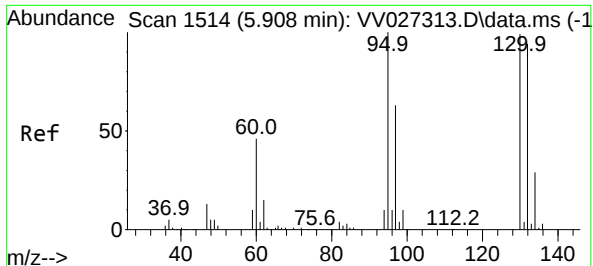
Tgt Ion:117 Resp: 105186
Ion Ratio Lower Upper
117 100
119 93.9 76.6 115.0



#33
Benzene
Concen: 4.764 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

Tgt Ion: 78 Resp: 282685

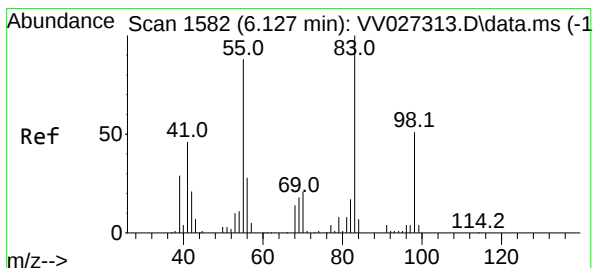
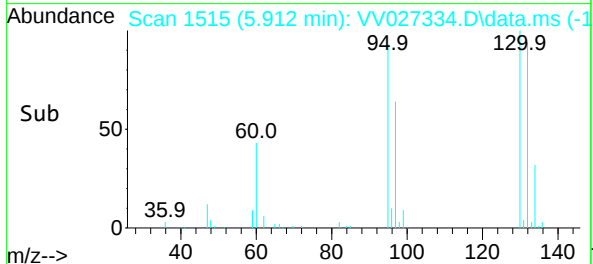
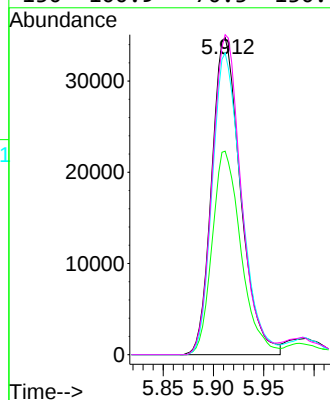
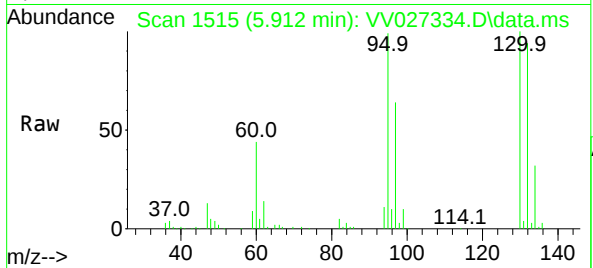




#34
Trichloroethene
Concen: 4.700 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

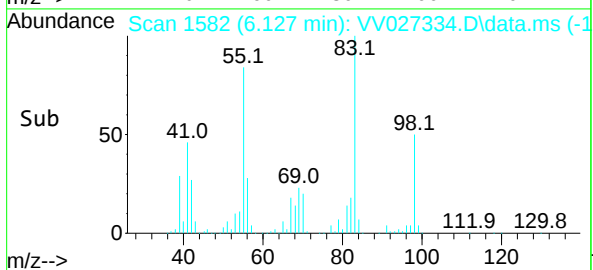
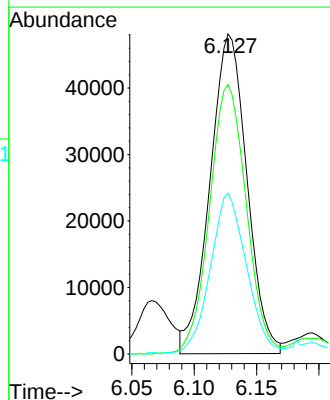
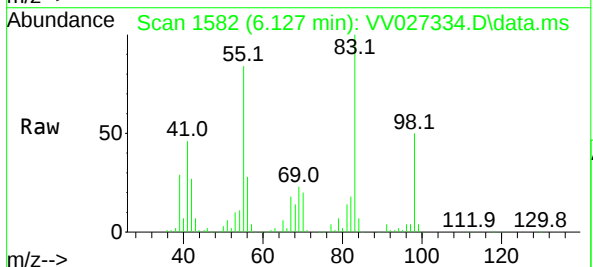
Instrument :
MSVOA_V
ClientSampleId :
EY132MSD

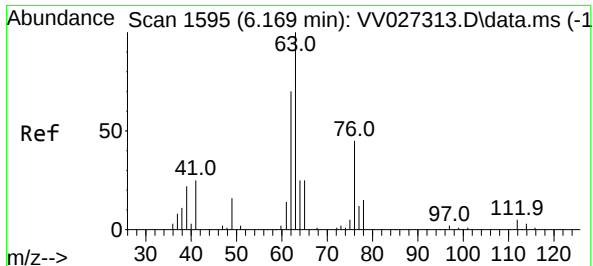
Tgt Ion: 95 Resp: 69423
Ion Ratio Lower Upper
95 100
97 64.2 45.5 84.5
132 95.1 68.2 126.6
130 100.9 70.3 130.7



#35
Methylcyclohexane
Concen: 4.874 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

Tgt Ion: 83 Resp: 99120
Ion Ratio Lower Upper
83 100
55 83.9 67.0 100.6
98 49.5 38.7 58.1





#37

1,2-Dichloropropane

Concen: 5.057 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

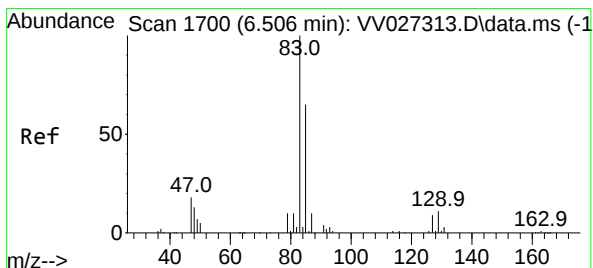
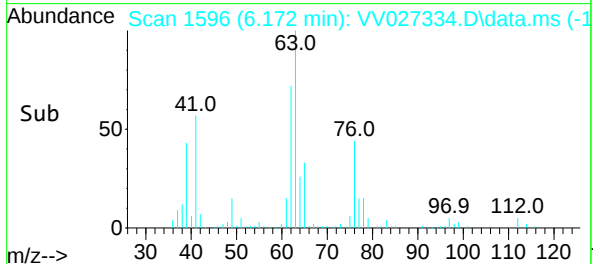
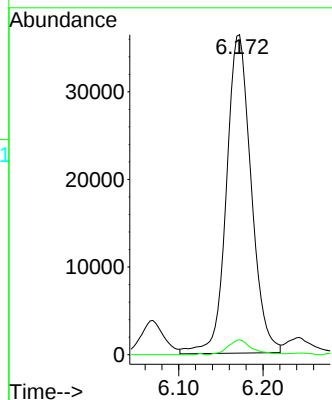
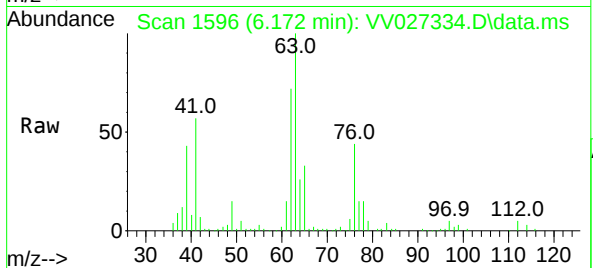
EY132MSD

Tgt Ion: 63 Resp: 74164

Ion Ratio Lower Upper

63 100

112 4.6 4.0 6.0



#38

Bromodichloromethane

Concen: 4.668 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

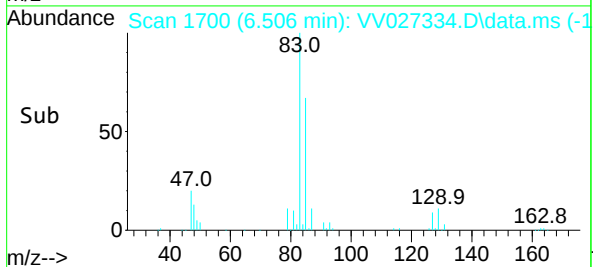
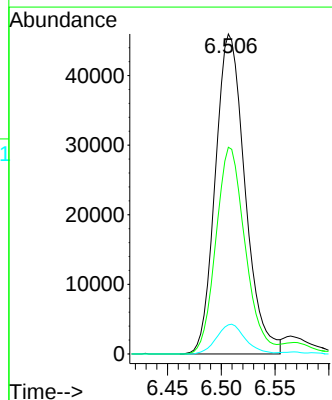
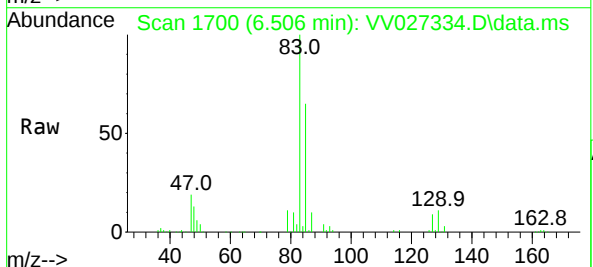
Tgt Ion: 83 Resp: 88231

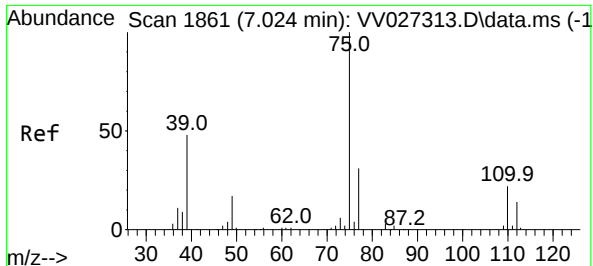
Ion Ratio Lower Upper

83 100

85 64.6 45.4 84.4

127 9.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.059 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

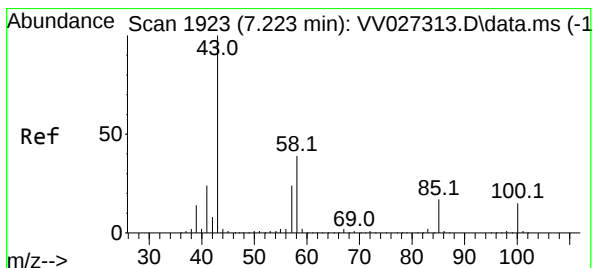
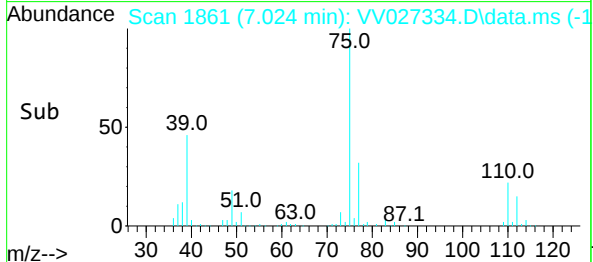
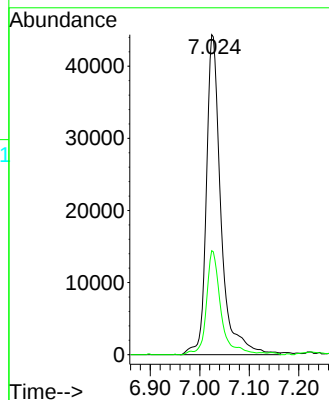
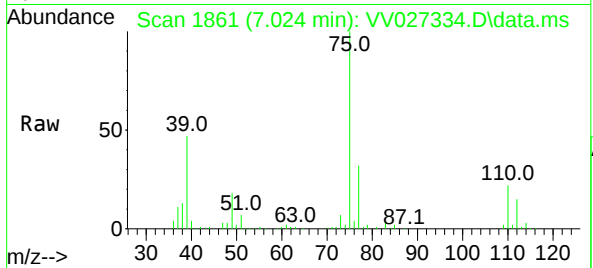
EY132MSD

Tgt Ion: 75 Resp: 90696

Ion Ratio Lower Upper

75 100

77 32.5 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 49.417 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

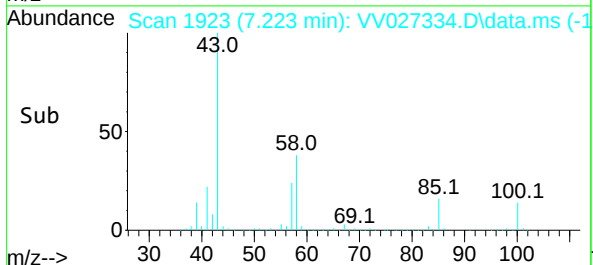
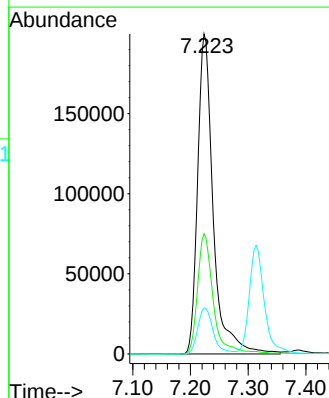
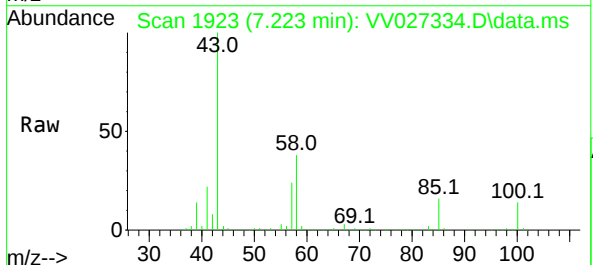
Tgt Ion: 43 Resp: 374053

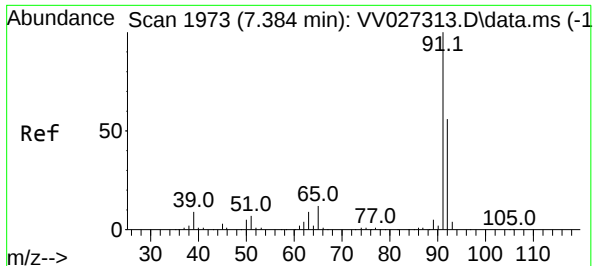
Ion Ratio Lower Upper

43 100

58 38.0 31.0 46.4

100 14.3 10.9 16.3





#42

Toluene

Concen: 5.241 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

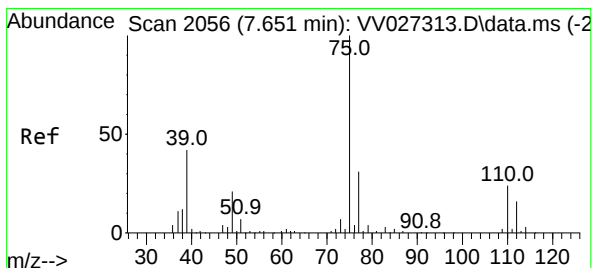
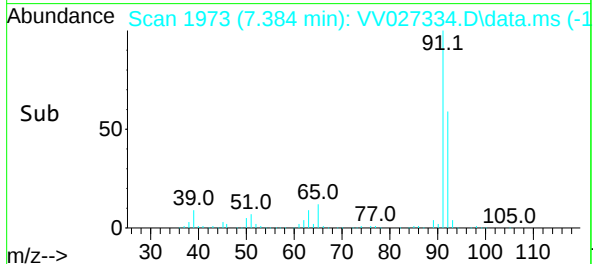
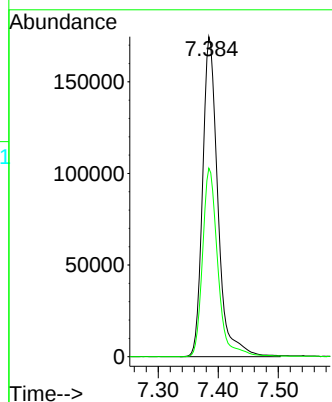
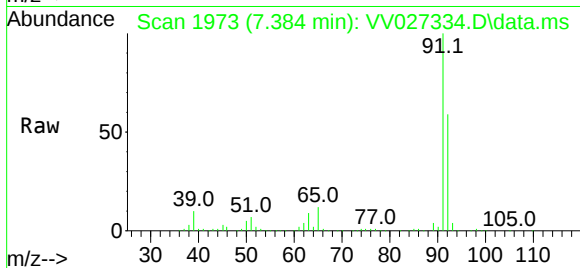
EY132MSD

Tgt Ion: 91 Resp: 310289

Ion Ratio Lower Upper

91 100

92 58.9 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 4.935 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV027334.D

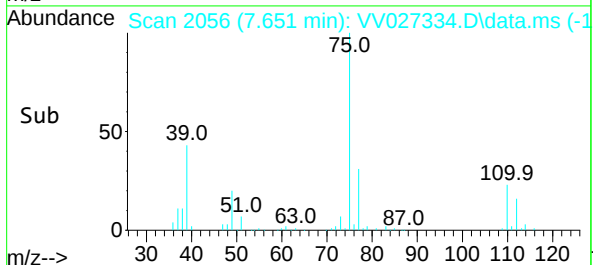
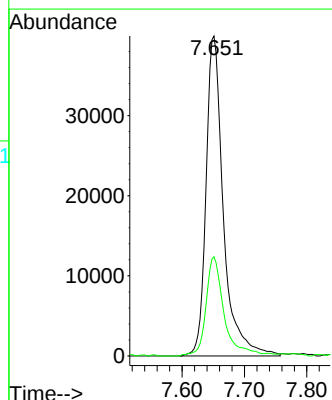
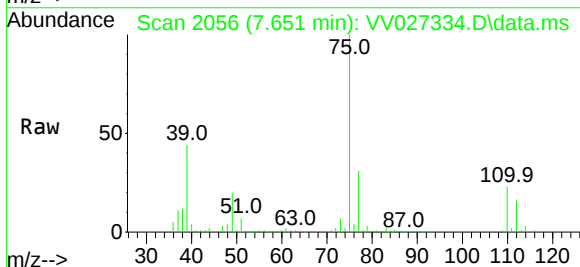
Acq: 12 Aug 2022 15:59

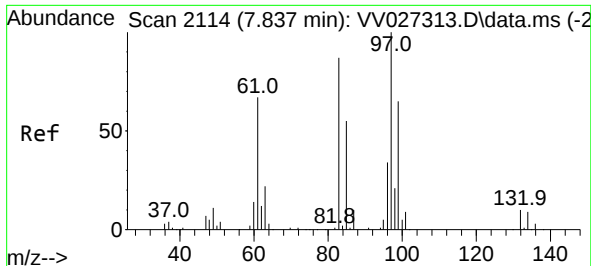
Tgt Ion: 75 Resp: 77401

Ion Ratio Lower Upper

75 100

77 31.0 21.9 40.7

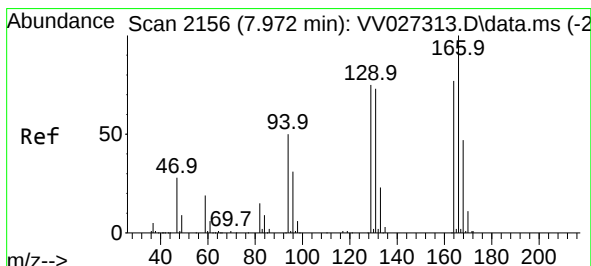
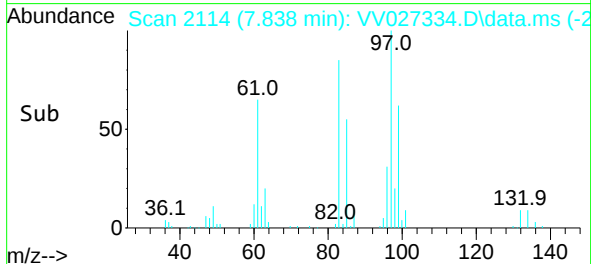
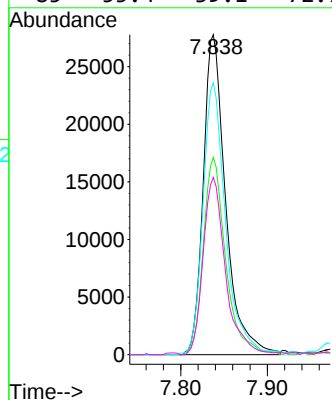
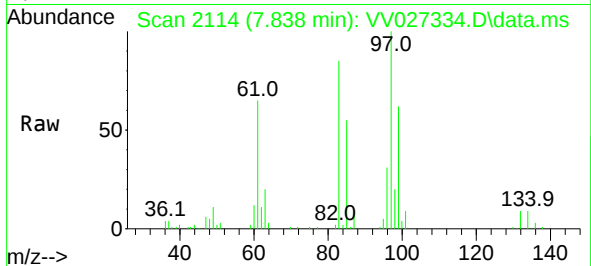




#45
1,1,2-Trichloroethane
Concen: 4.774 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

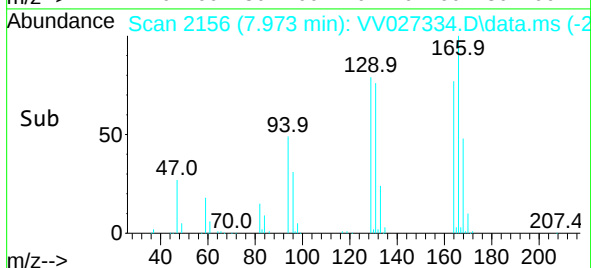
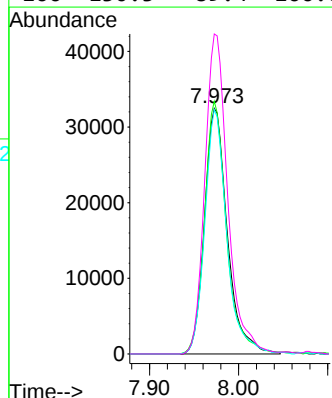
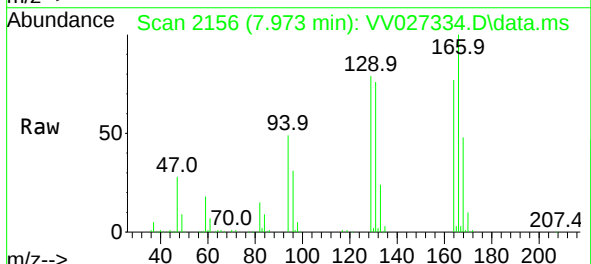
Instrument :
MSVOA_V
ClientSampleId :
EY132MSD

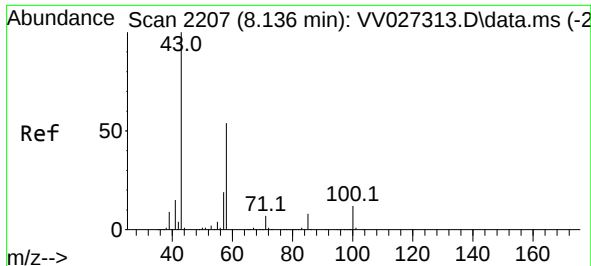
Tgt Ion:	97	Resp:	49925
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.7	81.1
83	84.9	59.8	111.0
85	55.4	39.1	72.7



#47
Tetrachloroethene
Concen: 5.004 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

Tgt Ion:	164	Resp:	58044
Ion	Ratio	Lower	Upper
164	100		
129	102.9	69.0	128.1
131	99.5	64.7	120.1
166	130.3	89.4	166.0

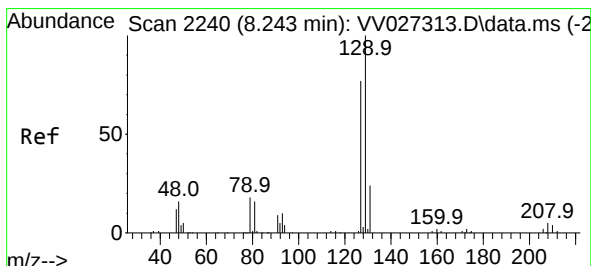
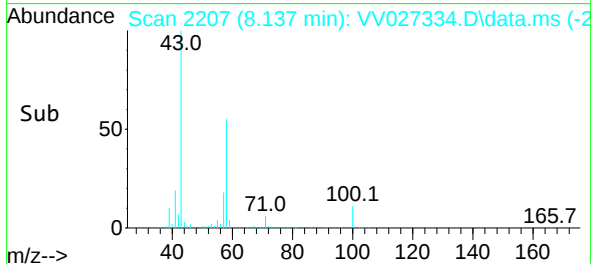
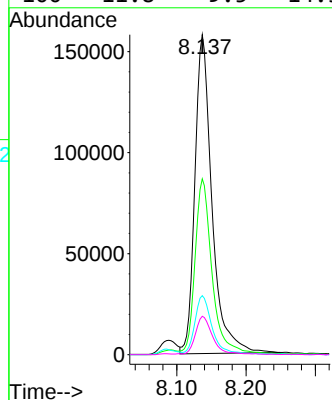
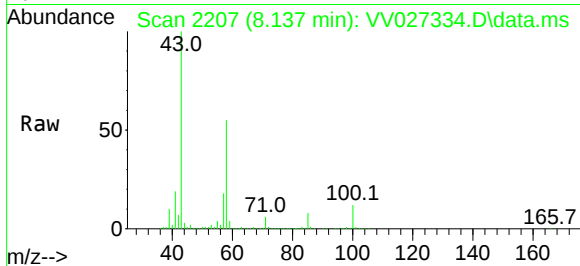




#48
2-Hexanone
Concen: 50.001 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

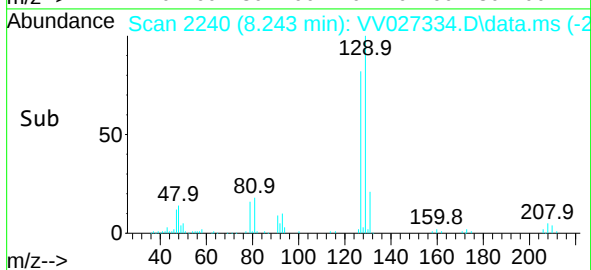
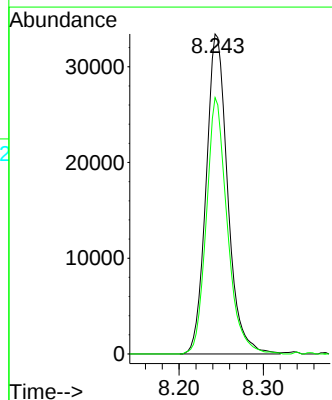
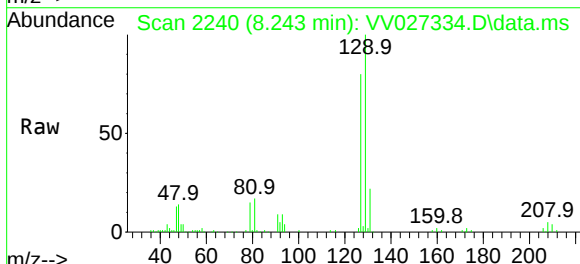
Instrument :
MSVOA_V
ClientSampleId :
EY132MSD

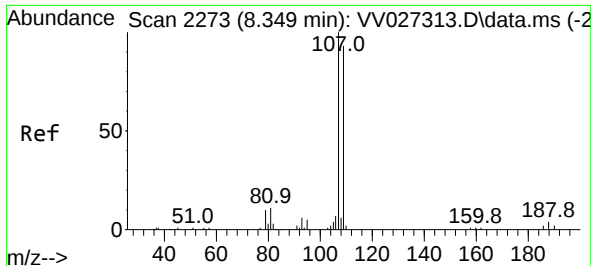
Tgt Ion: 43 Resp: 271591
Ion Ratio Lower Upper
43 100
58 54.9 42.8 64.2
57 18.6 15.2 22.8
100 11.8 9.5 14.3



#49
Dibromochloromethane
Concen: 4.867 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

Tgt Ion: 129 Resp: 59581
Ion Ratio Lower Upper
129 100
127 80.1 54.5 101.3





#50

1,2-Dibromoethane

Concen: 4.940 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

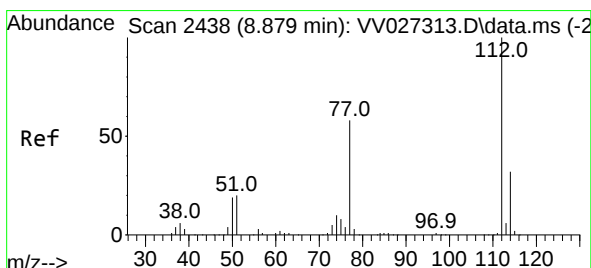
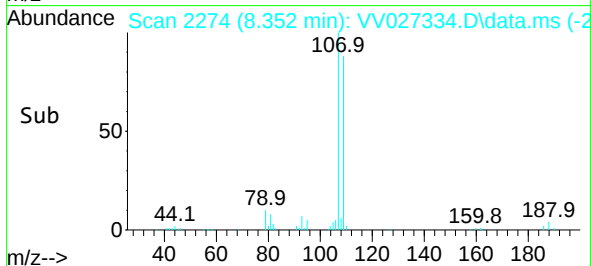
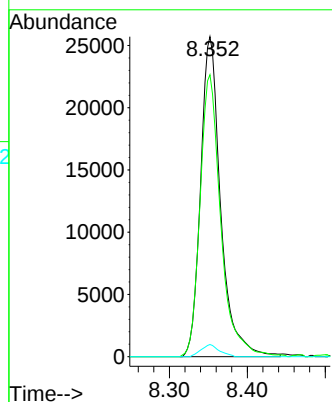
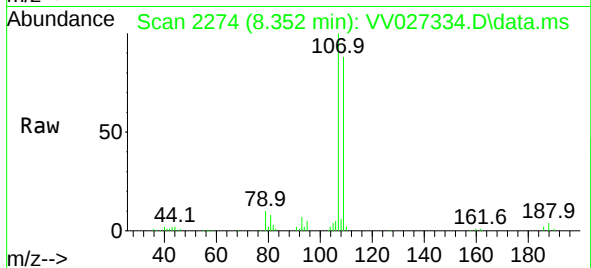
Instrument :

MSVOA_V

ClientSampleId :

EY132MSD

Tgt Ion:107	Resp:	45929
Ion Ratio	Lower	Upper
107	100	
109	88.1	66.1 122.8
188	3.8	3.4 5.2



#51

Chlorobenzene

Concen: 4.964 ug/L

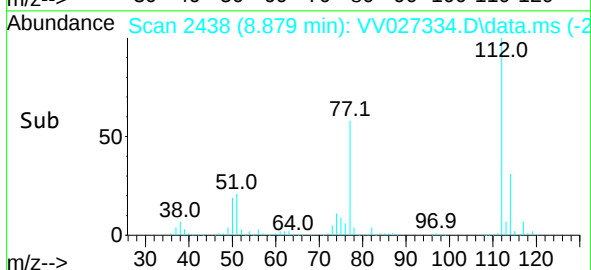
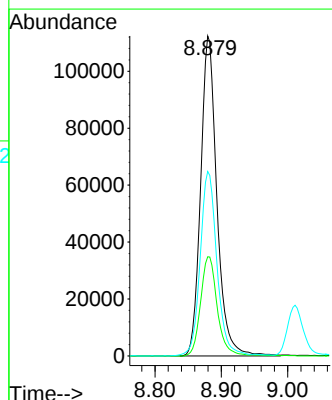
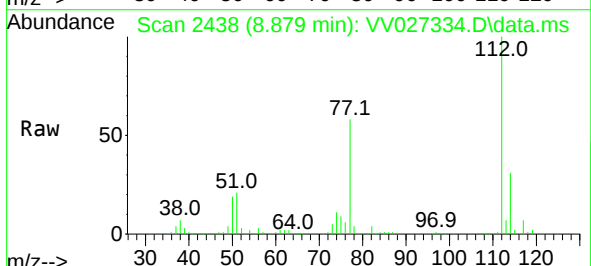
RT: 8.879 min Scan# 2438

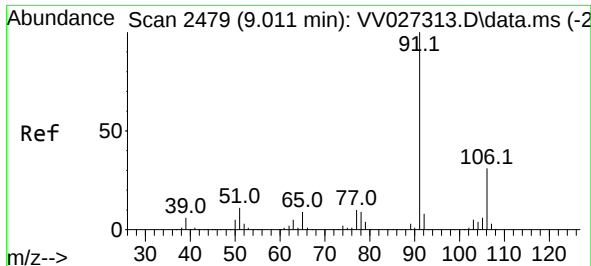
Delta R.T. 0.000 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

Tgt Ion:112	Resp:	191412
Ion Ratio	Lower	Upper
112	100	
114	31.0	22.5 41.9
77	57.6	46.4 69.6





#52

Ethylbenzene

Concen: 5.040 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

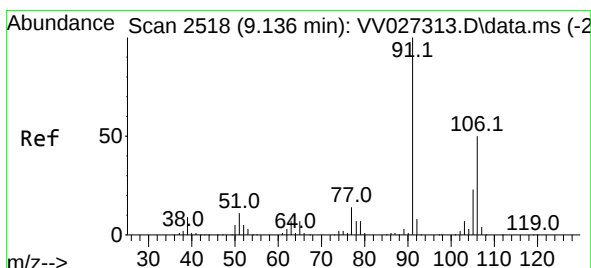
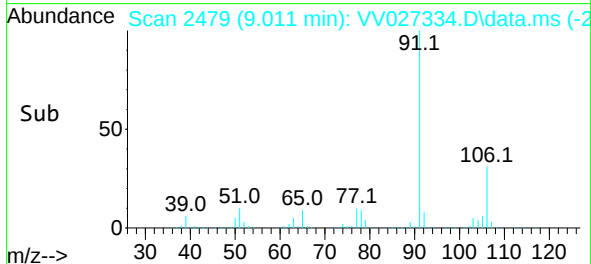
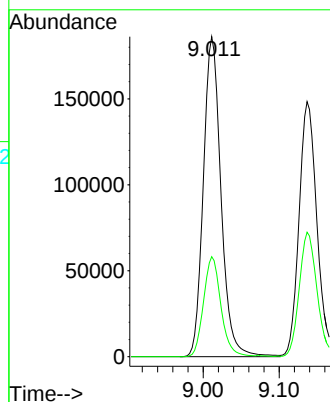
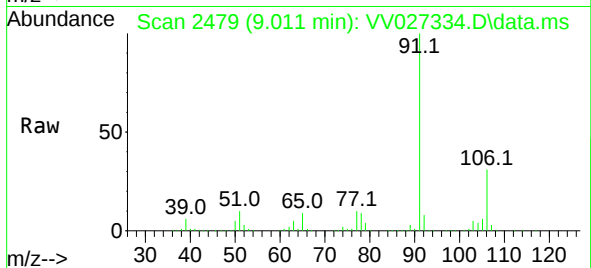
EY132MSD

Tgt Ion: 91 Resp: 299835

Ion Ratio Lower Upper

91 100

106 31.2 21.5 39.9



#53

m,p-Xylene

Concen: 5.197 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV027334.D

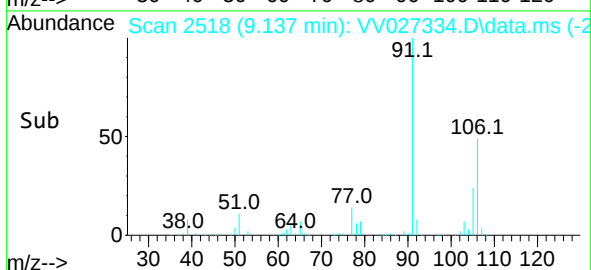
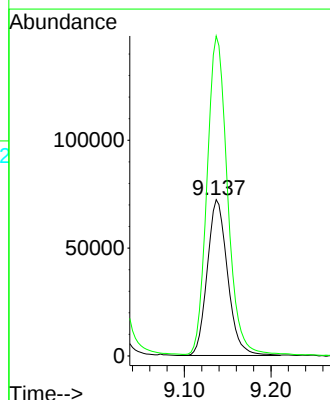
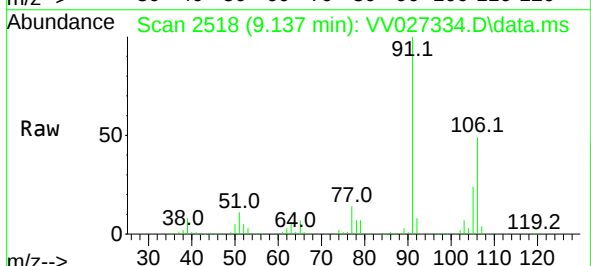
Acq: 12 Aug 2022 15:59

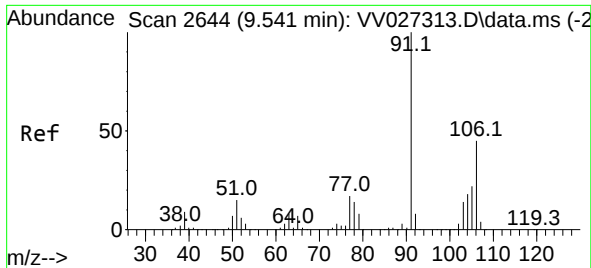
Tgt Ion: 106 Resp: 117904

Ion Ratio Lower Upper

106 100

91 204.7 141.5 262.9

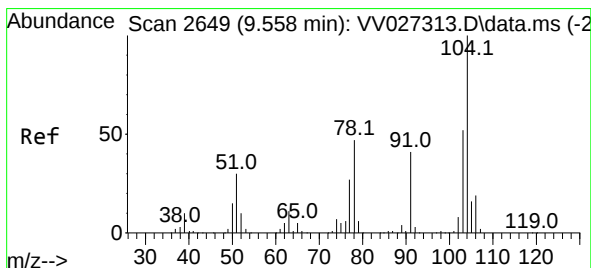
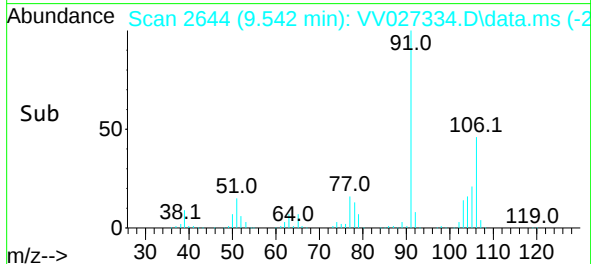
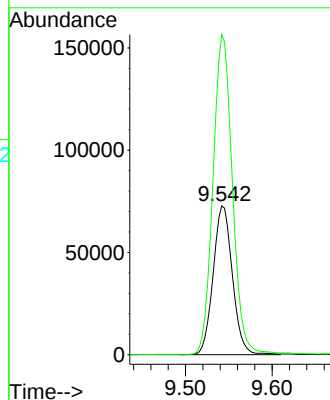
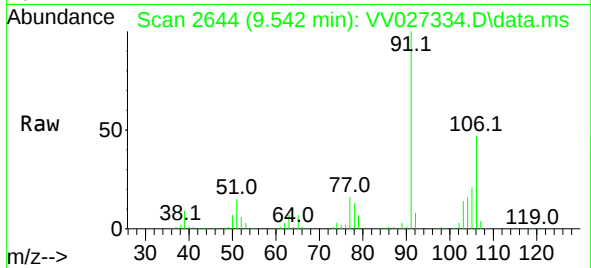




#54
o-Xylene
Concen: 5.066 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

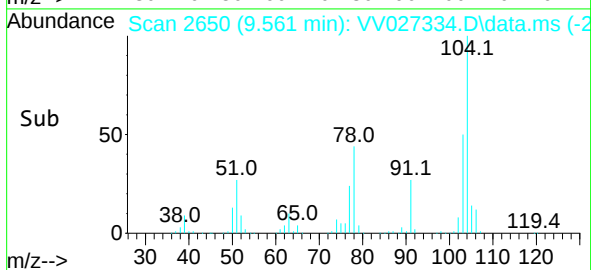
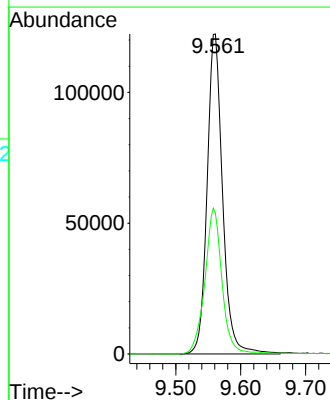
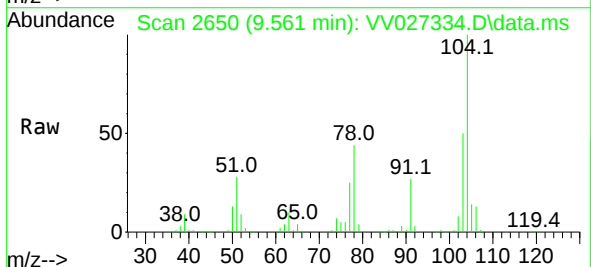
Instrument : MSVOA_V
ClientSampleId : EY132MSD

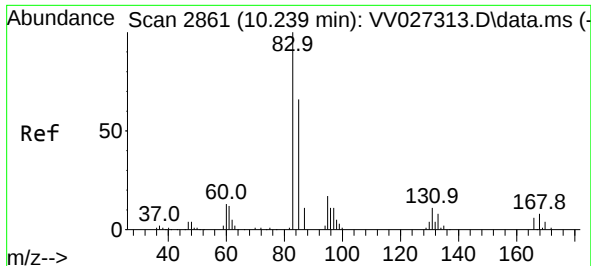
Tgt Ion:106 Resp: 112410
Ion Ratio Lower Upper
106 100
91 215.0 153.2 284.4



#55
Styrene
Concen: 5.318 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

Tgt Ion:104 Resp: 202915
Ion Ratio Lower Upper
104 100
78 44.0 30.7 57.1

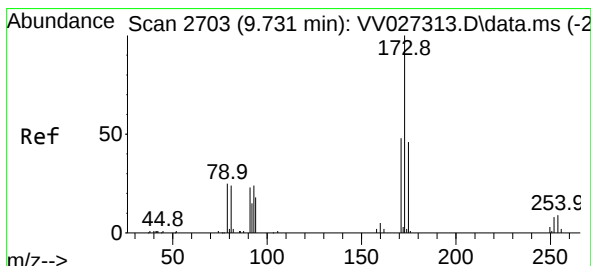
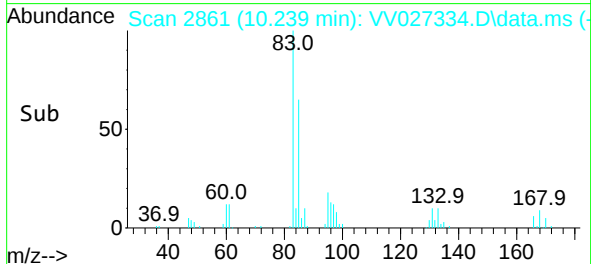
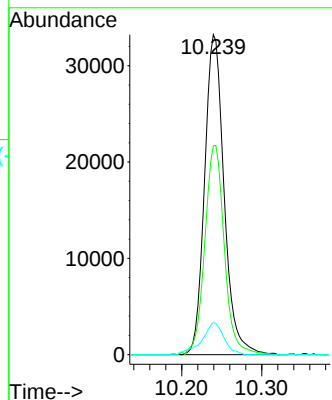
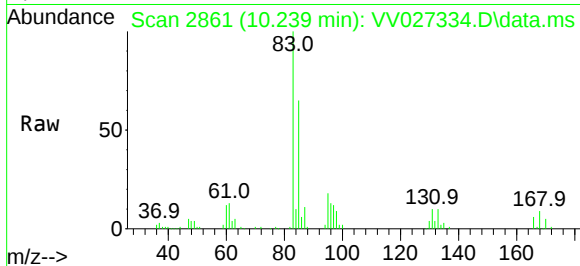




#57
1,1,2,2-Tetrachloroethane
Concen: 4.848 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

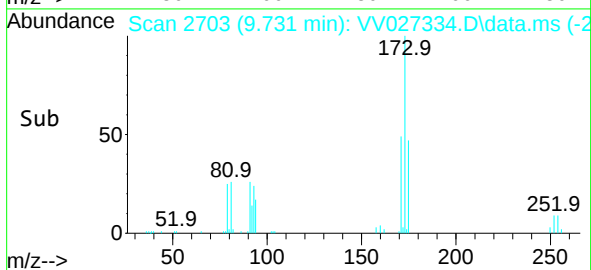
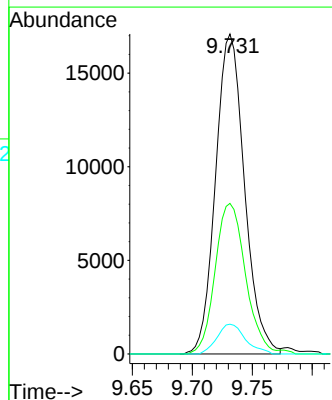
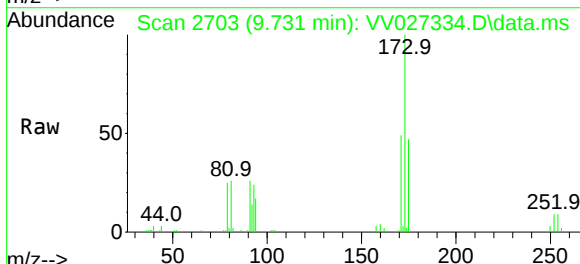
Instrument :
MSVOA_V
ClientSampleId :
EY132MSD

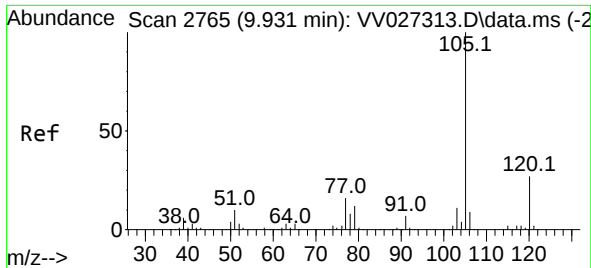
Tgt Ion: 83 Resp: 56510
Ion Ratio Lower Upper
83 100
85 65.3 43.3 80.3
131 10.0 7.7 11.5



#59
Bromoform
Concen: 4.523 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

Tgt Ion: 173 Resp: 28657
Ion Ratio Lower Upper
173 100
175 49.6 38.2 57.2
254 9.2 6.5 9.7

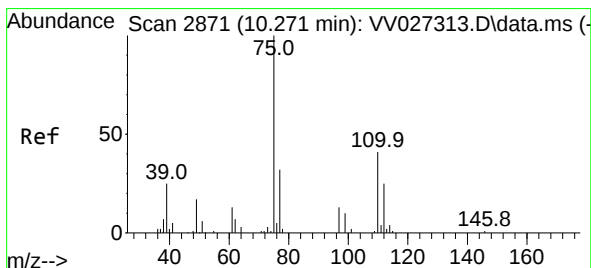
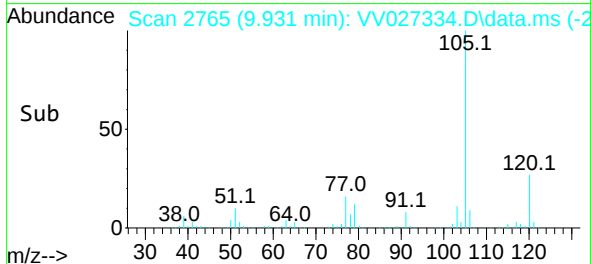
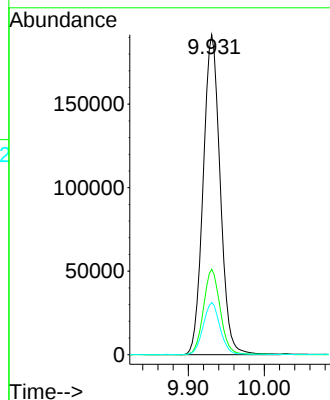
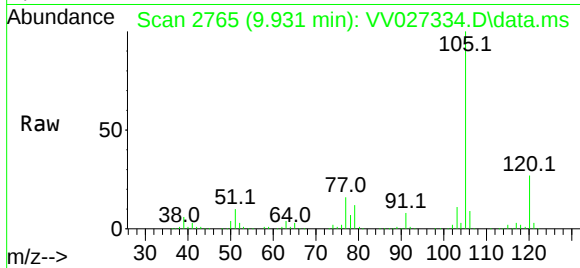




#60
Isopropylbenzene
Concen: 5.039 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

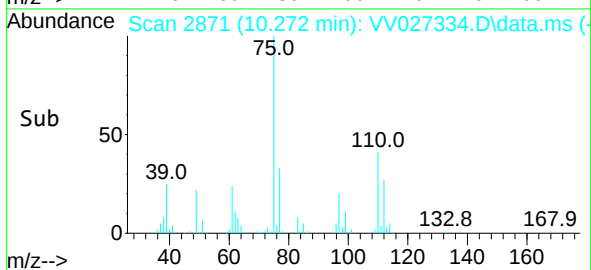
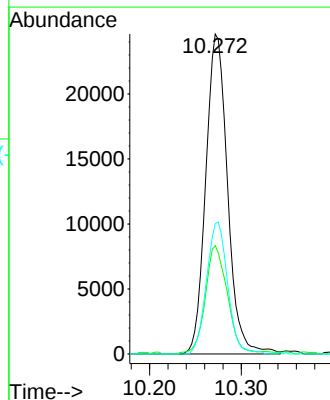
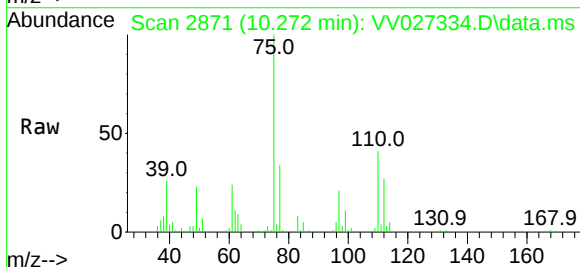
Instrument :
MSVOA_V
ClientSampleId :
EY132MSD

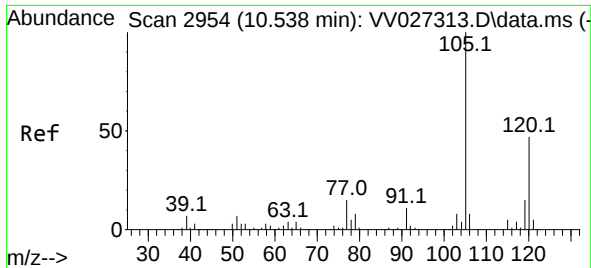
Tgt Ion:105 Resp: 298167
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.4
77 16.4 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.504 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

Tgt Ion: 75 Resp: 40759
Ion Ratio Lower Upper
75 100
77 34.2 26.6 39.8
110 39.8 31.0 46.6





#62

1,3,5-Trimethylbenzene

Concen: 4.709 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

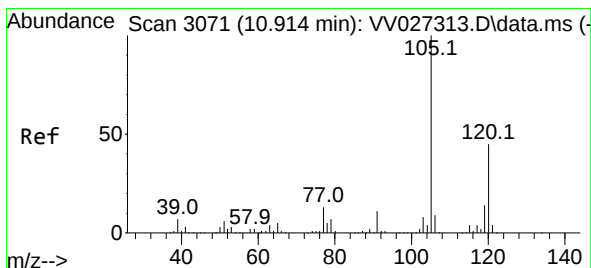
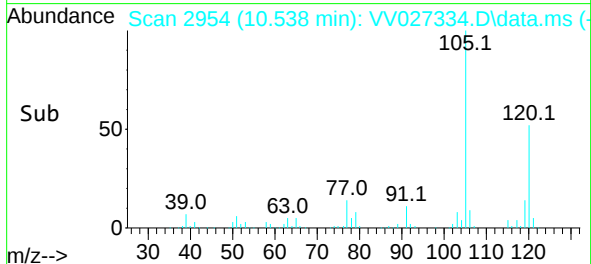
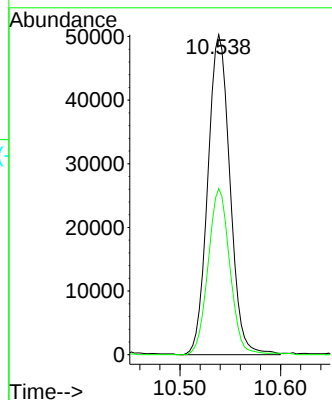
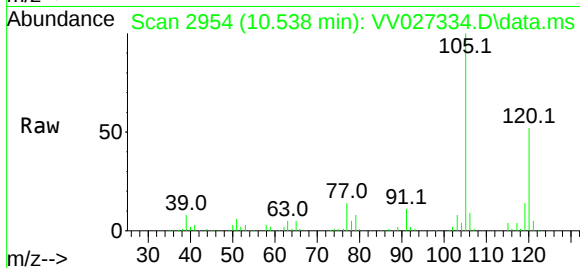
EY132MSD

Tgt Ion:105 Resp: 77025

Ion Ratio Lower Upper

105 100

120 50.9 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 4.769 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV027334.D

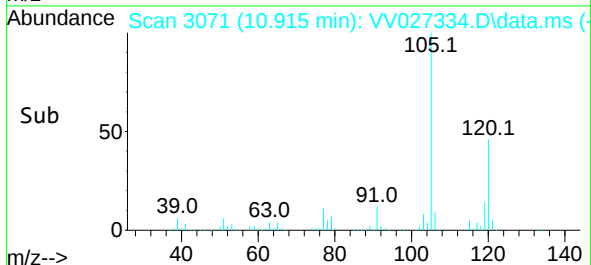
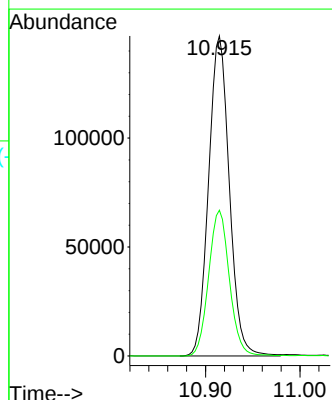
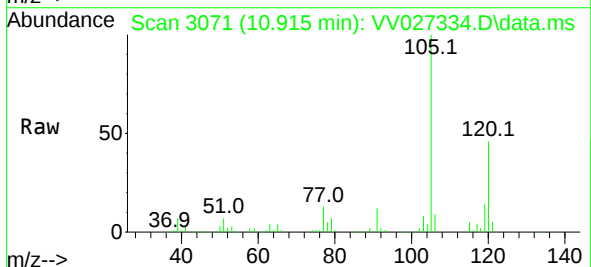
Acq: 12 Aug 2022 15:59

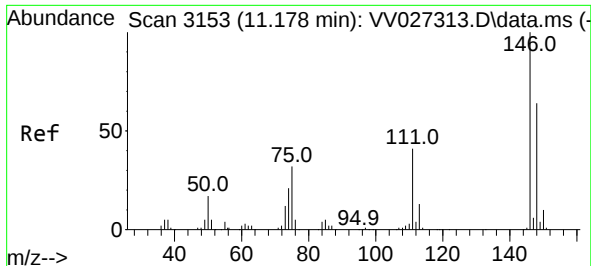
Tgt Ion:105 Resp: 223599

Ion Ratio Lower Upper

105 100

120 45.7 36.2 54.2

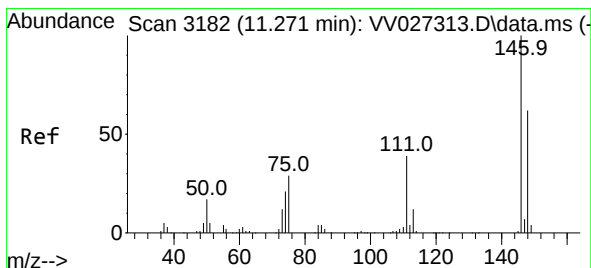
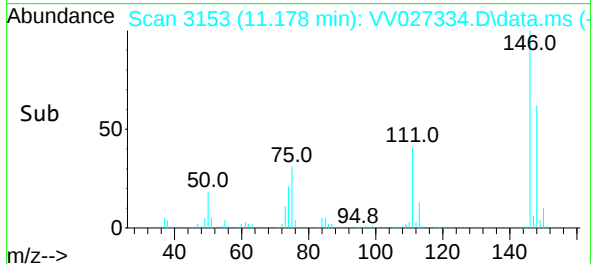
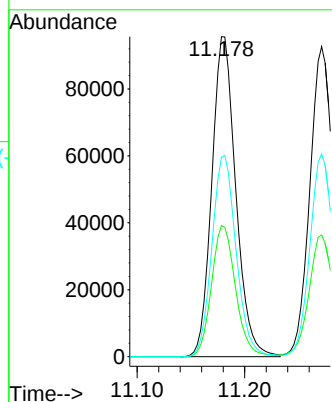
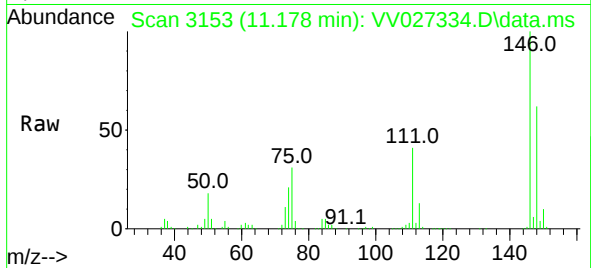




#64
1,3-Dichlorobenzene
Concen: 5.013 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

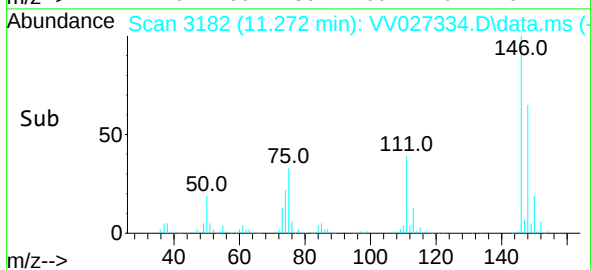
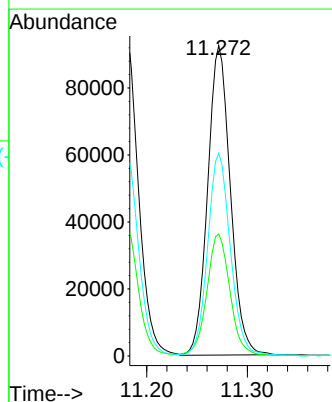
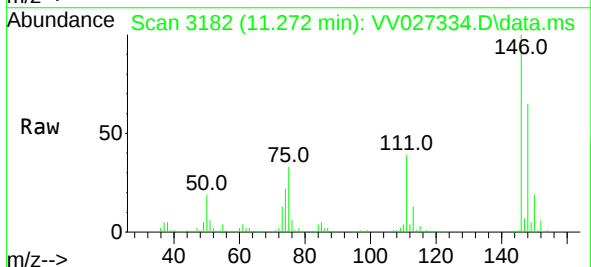
Instrument :
MSVOA_V
ClientSampleId :
EY132MSD

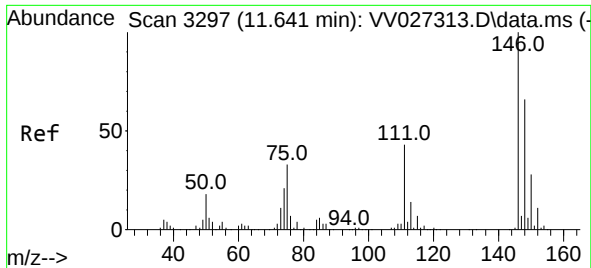
Tgt Ion:146 Resp: 148233
Ion Ratio Lower Upper
146 100
111 41.0 28.8 53.4
148 62.3 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 4.865 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

Tgt Ion:146 Resp: 144754
Ion Ratio Lower Upper
146 100
111 39.3 27.4 51.0
148 65.4 43.3 80.5

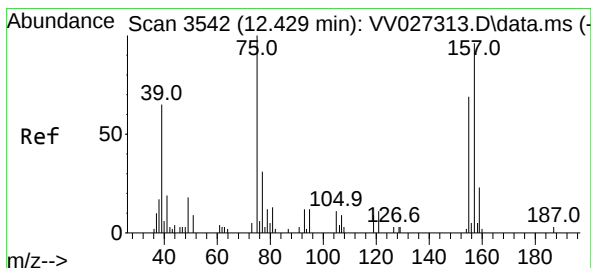
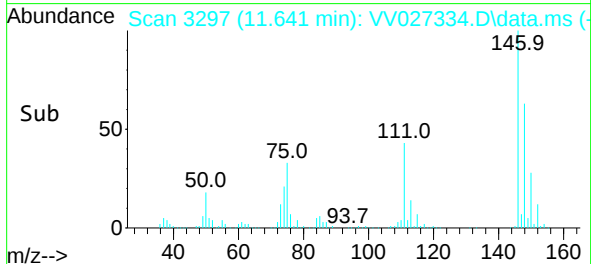
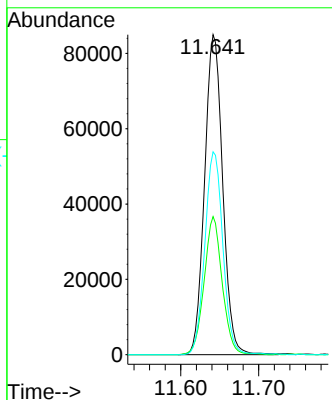
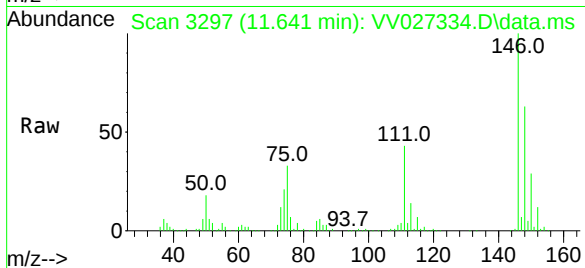




#67
 1,2-Dichlorobenzene
 Concen: 4.980 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV027334.D
 Acq: 12 Aug 2022 15:59

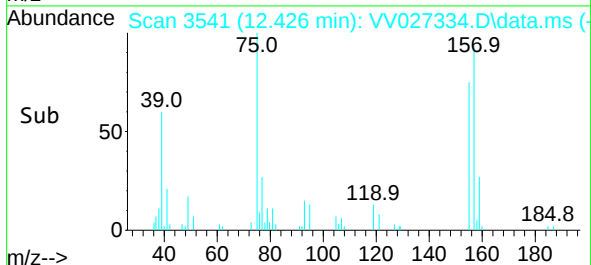
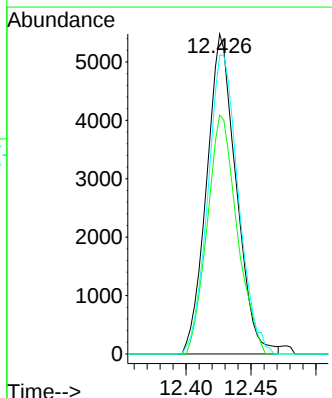
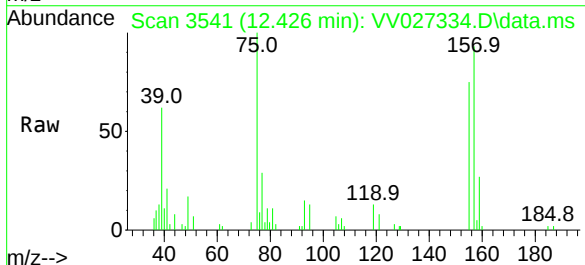
Instrument :
 MSVOA_V
 ClientSampleId :
 EY132MSD

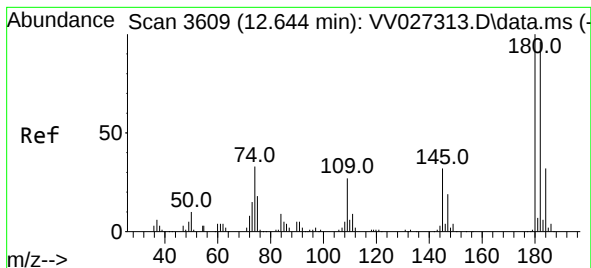
Tgt Ion:146 Resp: 137139
 Ion Ratio Lower Upper
 146 100
 111 43.1 33.2 49.8
 148 63.4 49.9 74.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.578 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.003 min
 Lab File: VV027334.D
 Acq: 12 Aug 2022 15:59

Tgt Ion: 75 Resp: 8654
 Ion Ratio Lower Upper
 75 100
 155 74.7 65.8 98.6
 157 93.3 73.0 109.4





#69

1,3,5-Trichlorobenzene

Concen: 4.829 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

Instrument :

MSVOA_V

ClientSampleId :

EY132MSD

Tgt Ion:180 Resp: 102976

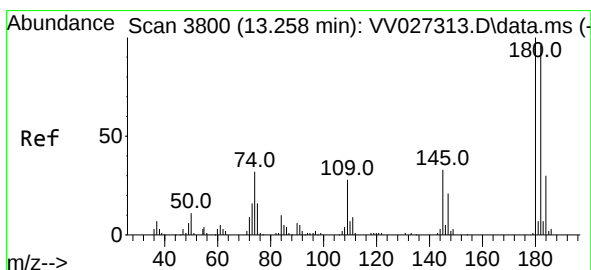
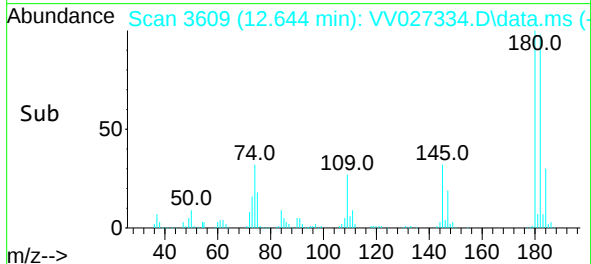
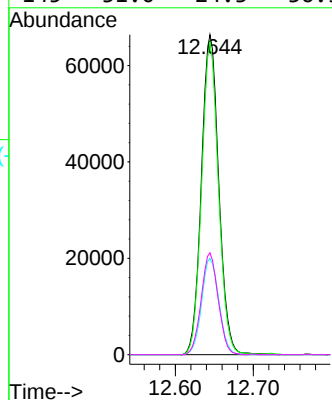
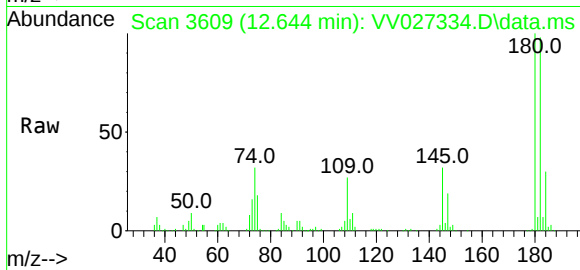
Ion Ratio Lower Upper

180 100

182 94.3 74.7 112.1

184 29.9 23.3 34.9

145 31.0 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 4.666 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV027334.D

Acq: 12 Aug 2022 15:59

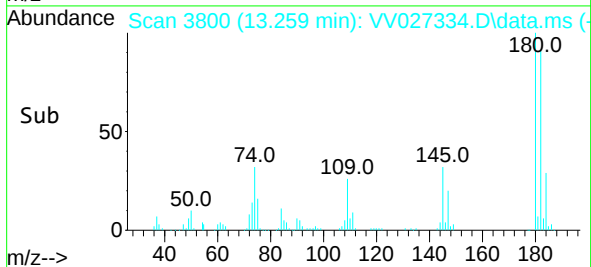
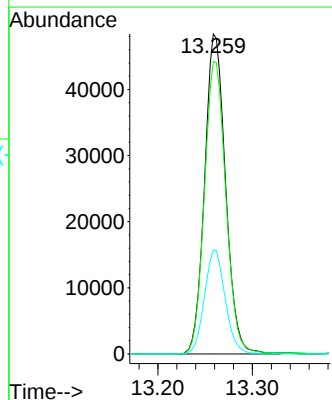
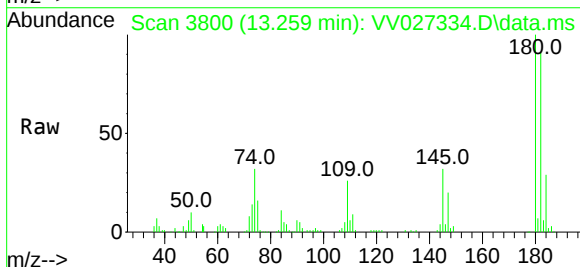
Tgt Ion:180 Resp: 74351

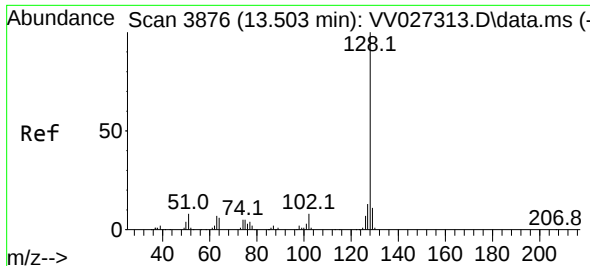
Ion Ratio Lower Upper

180 100

182 93.8 77.4 116.0

145 32.2 24.9 37.3

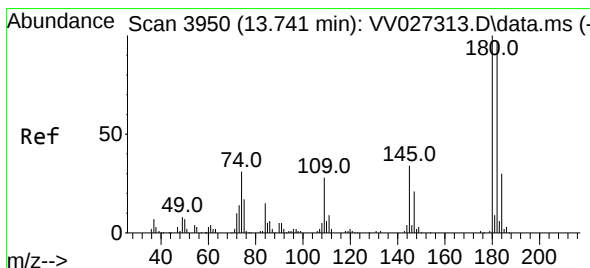
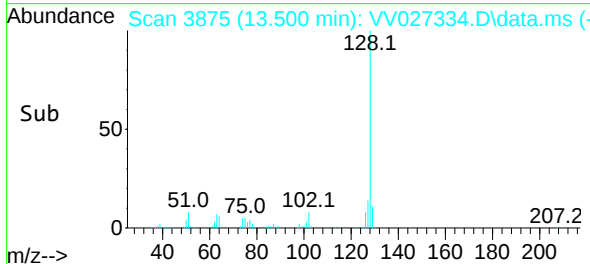
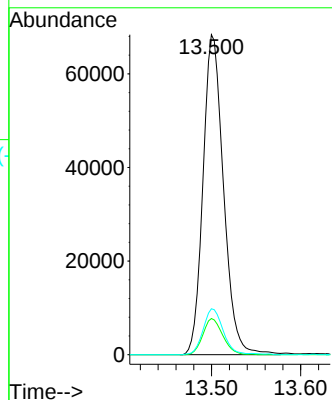
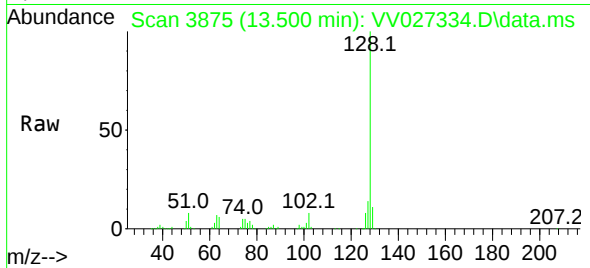




#71
Naphthalene
Concen: 4.441 ug/L
RT: 13.500 min Scan# 3876
Delta R.T. -0.003 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

Instrument :
MSVOA_V
ClientSampleId :
EY132MSD

Tgt Ion:128 Resp: 109353
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.9 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.548 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV027334.D
Acq: 12 Aug 2022 15:59

Tgt Ion:180 Resp: 67550
Ion Ratio Lower Upper
180 100
182 96.8 73.8 110.6
145 33.6 27.0 40.4

