

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032322\
 Data File : VW025144.D
 Acq On : 23 Mar 2022 20:14
 Operator : SY/MD
 Sample : N2083-08MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW607MS

Quant Time: Mar 24 01:19:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 24 01:12:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125856	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	118573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59455	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39229	3.948	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.568	69	34727	4.773	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.111	63	73014	4.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	3.899	46	93387	77.769	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	155.540%#
24) Chloroform-d	4.352	84	89655	5.440	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.800%
26) 1,2-Dichloroethane-d4	5.034	65	37555	5.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.050	84	169380	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.069	67	51762	5.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.317	98	149520	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.625	79	16526	4.793	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.088	63	78573	66.807	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.620%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38027	6.535	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	130.800%#
66) 1,2-Dichlorobenzene-d4	11.622	152	53452	5.311	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	52906	4.758	ug/L	99
3) Chloromethane	1.243	50	47070	4.488	ug/L	98
5) Vinyl chloride	1.314	62	69287	6.262	ug/L	99
6) Bromomethane	1.523	94	26150	3.657	ug/L	99
8) Chloroethane	1.587	64	433321	64.583	ug/L	98
9) Trichlorofluoromethane	1.754	101	76346	5.073	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	44020	5.394	ug/L	98
12) 1,1-Dichloroethene	2.121	96	41275	5.148	ug/L	99
13) Acetone	2.188	43	49952	62.199	ug/L	80
14) Carbon disulfide	2.298	76	129996	4.531	ug/L	100
15) Methyl Acetate	2.442	43	11300	5.136	ug/L	92
16) Methylene chloride	2.510	84	47512	4.891	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	97676	5.593	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	54748	5.674	ug/L	98
19) 1,1-Dichloroethane	3.191	63	571807	34.820	ug/L	99
21) 2-Butanone	3.979	43	78750	62.128	ug/L	82
22) cis-1,2-Dichloroethene	3.912	96	82238	8.442	ug/L	98
23) Bromochloromethane	4.253	128	20639	5.374	ug/L	93
25) Chloroform	4.378	83	88785	5.193	ug/L	100

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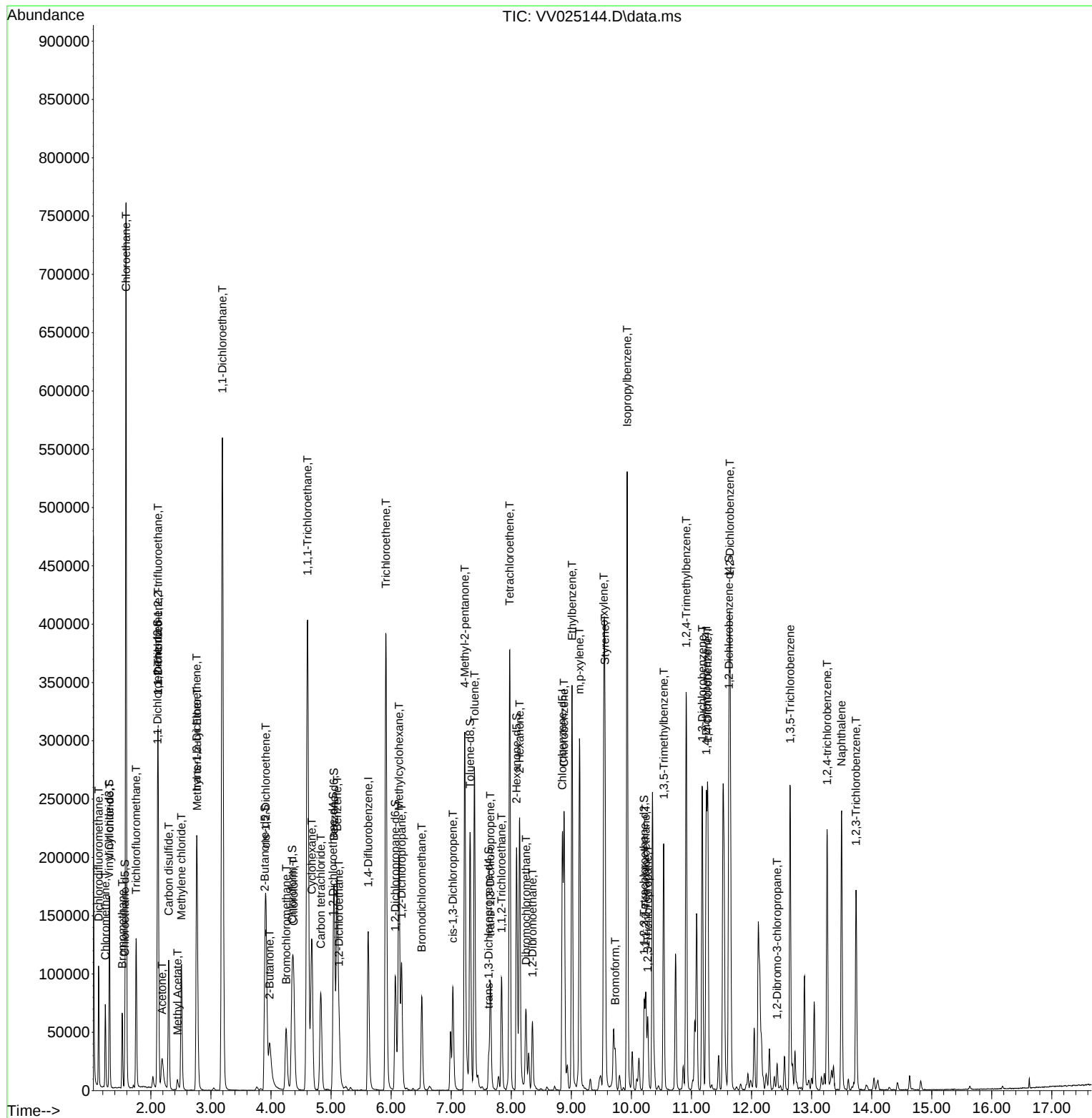
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	43723	5.143	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	337303	22.307	ug/L	99
30) Cyclohexane	4.677	56	72635	4.937	ug/L	99
31) Carbon tetrachloride	4.828	117	64789	4.994	ug/L	98
33) Benzene	5.101	78	195509	5.069	ug/L	100
34) Trichloroethene	5.912	95	144322	14.054	ug/L	99
35) Methylcyclohexane	6.130	83	90999	5.598	ug/L	98
37) 1,2-Dichloropropane	6.175	63	46624	5.261	ug/L	100
38) Bromodichloromethane	6.510	83	57787	5.156	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	58390	4.745	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	197954	54.280	ug/L	98
42) Toluene	7.387	91	210420	5.213	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	46117	4.763	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	32116	5.426	ug/L	96
47) Tetrachloroethene	7.976	164	82680	11.445	ug/L	99
48) 2-Hexanone	8.140	43	138291	53.488	ug/L	97
49) Dibromochloromethane	8.246	129	34068	5.141	ug/L	98
50) 1,2-Dibromoethane	8.352	107	28345	5.232	ug/L	98
51) Chlorobenzene	8.879	112	131084	5.187	ug/L	99
52) Ethylbenzene	9.011	91	248059	5.810	ug/L	100
53) m,p-xylene	9.137	106	86602	5.267	ug/L	98
54) o-xylene	9.542	106	82663	5.257	ug/L	94
55) Styrene	9.561	104	140143	5.473	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	35783	6.166	ug/L	99
59) Bromoform	9.731	173	14624	4.567	ug/L	99
60) Isopropylbenzene	9.931	105	349244	7.789	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	25961	5.192	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	114199	5.613	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	189918	5.271	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	101124	5.199	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	99428	5.071	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	115689	6.713	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4873	5.685	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	72400	5.270	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	59388	5.548	ug/L	99
71) Naphthalene	13.500	128	186629	10.500	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	48198	5.314	ug/L	96

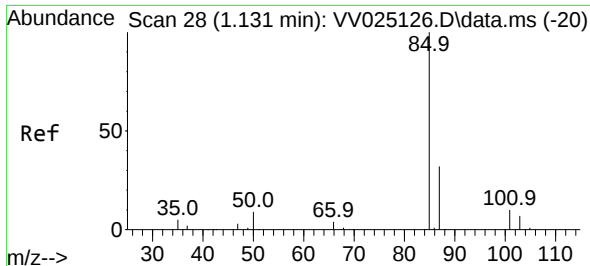
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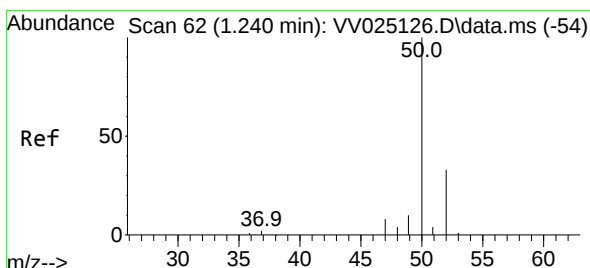
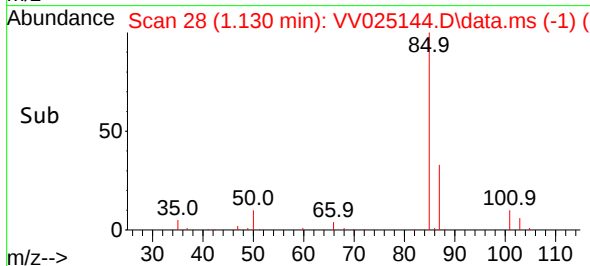
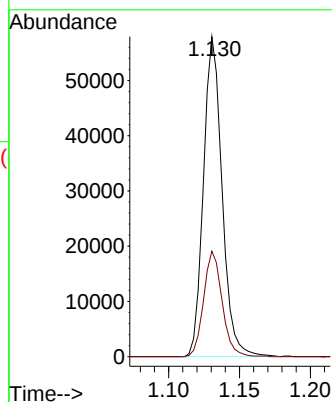
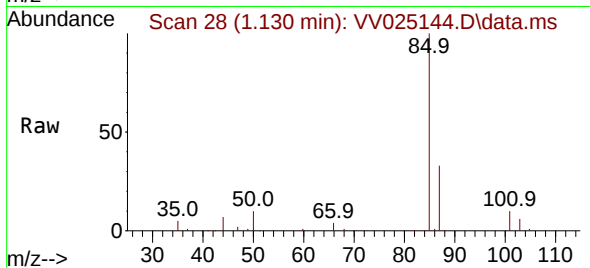




#2
 Dichlorodifluoromethane
 Concen: 4.758 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV025144.D
 Acq: 23 Mar 2022 20:14

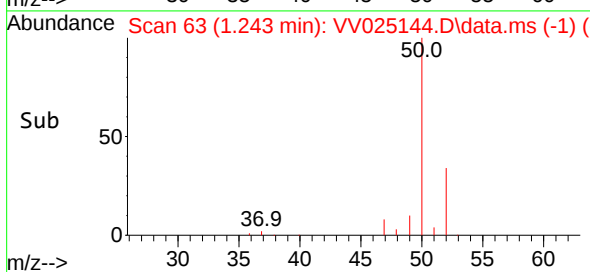
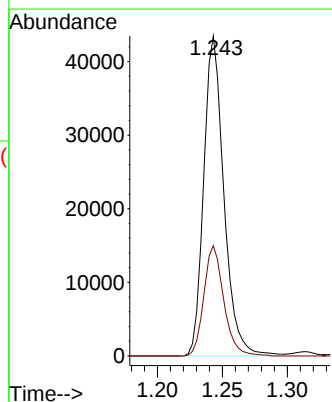
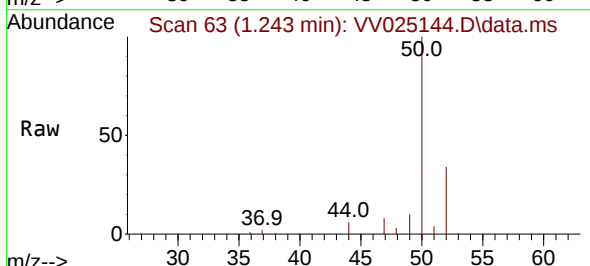
Instrument :
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 ClientSampleId :
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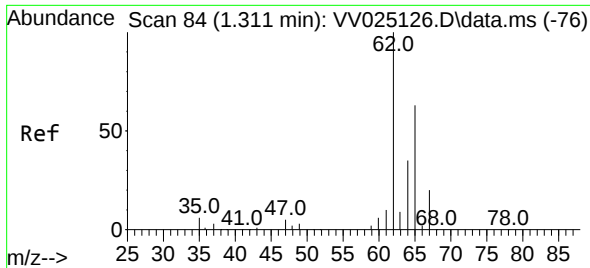
Tgt Ion: 85 Resp: 52906
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.7 40.1



#3
 Chloromethane
 Concen: 4.488 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025144.D
 Acq: 23 Mar 2022 20:14

Tgt Ion: 50 Resp: 47070
 Ion Ratio Lower Upper
 50 100
 52 34.5 23.2 43.2

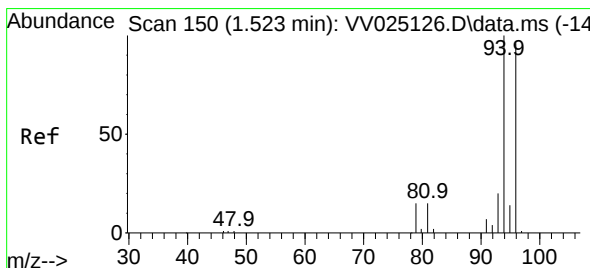
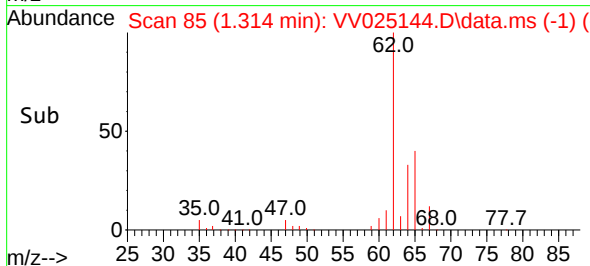
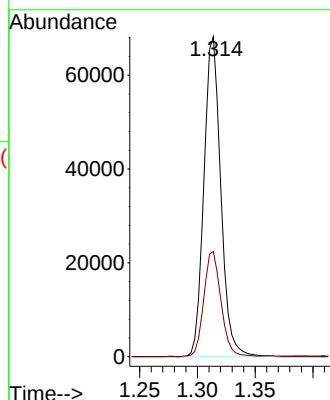
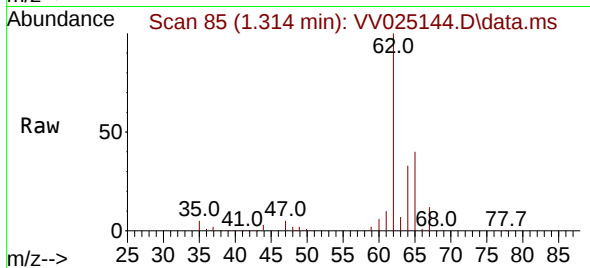




#5
 Vinyl chloride
 Concen: 6.262 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025144.D
 Acq: 23 Mar 2022 20:14

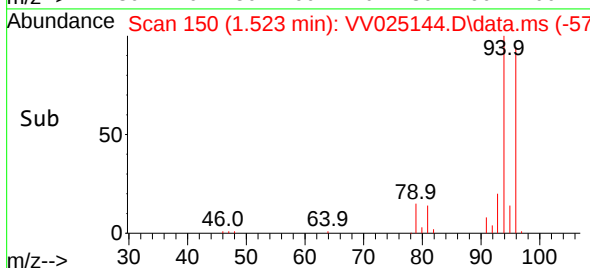
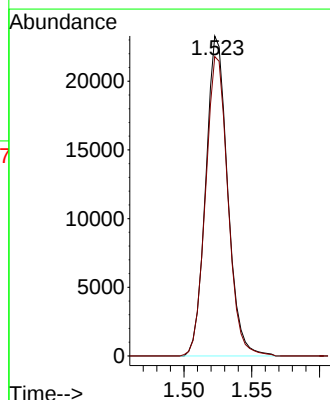
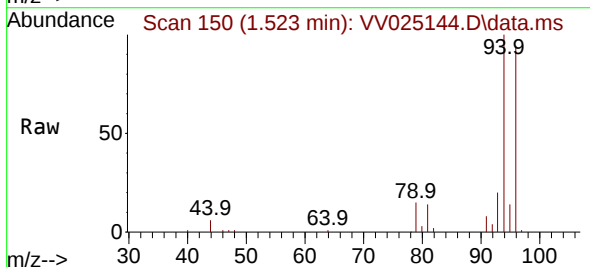
Instrument :
 MSVOA_V
 ClientSampleId :
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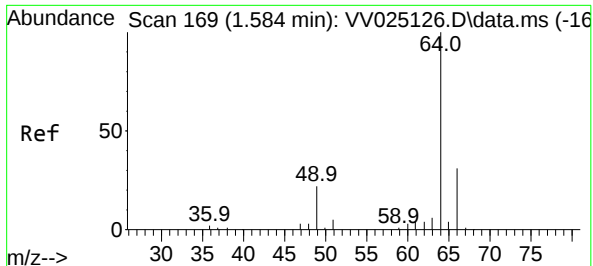
Tgt Ion: 62 Resp: 69287
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.4



#6
 Bromomethane
 Concen: 3.657 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV025144.D
 Acq: 23 Mar 2022 20:14

Tgt Ion: 94 Resp: 26150
 Ion Ratio Lower Upper
 94 100
 96 93.5 64.9 120.5

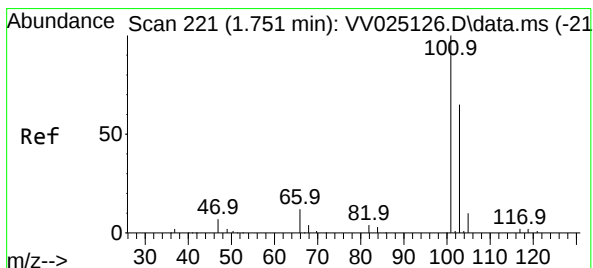
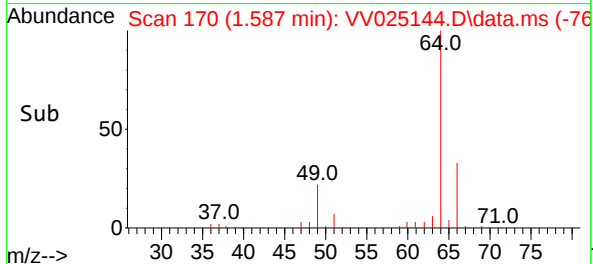
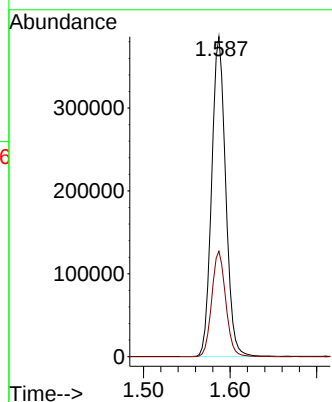
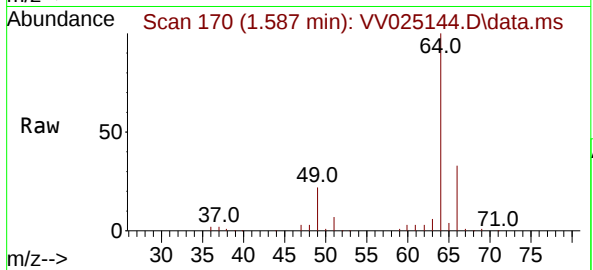




#8
Chloroethane
Concen: 64.583 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

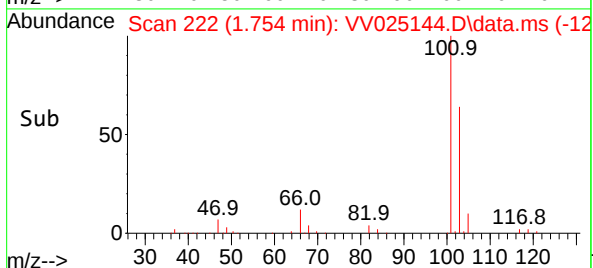
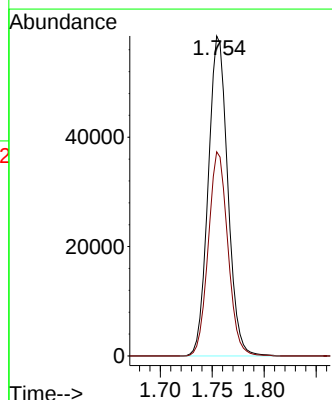
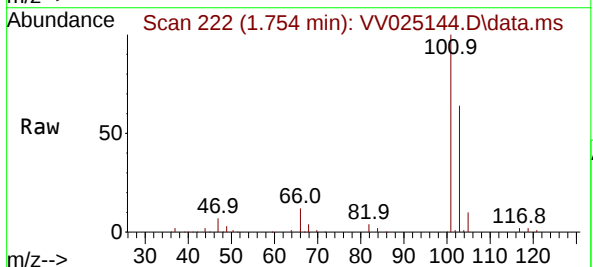
Instrument :
MSVOA_V
ClientSampleId :
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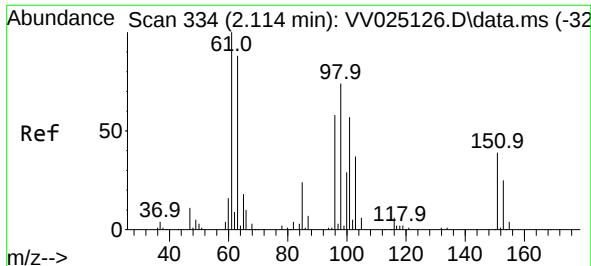
Tgt Ion: 64 Resp: 433321
Ion Ratio Lower Upper
64 100
66 32.9 22.5 41.7



#9
Trichlorofluoromethane
Concen: 5.073 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

Tgt Ion: 101 Resp: 76346
Ion Ratio Lower Upper
101 100
103 63.9 51.5 77.3





#10

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

Concen: 5.394 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.006 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EW607MS

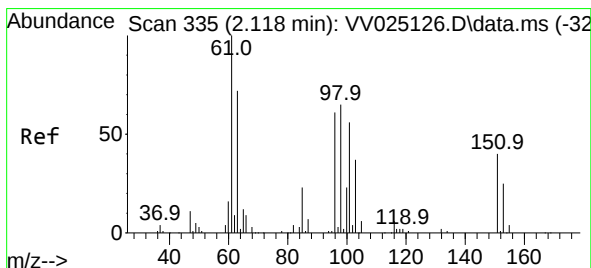
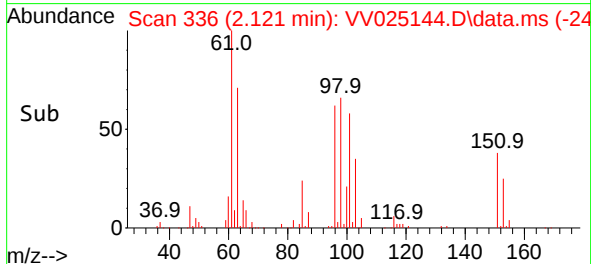
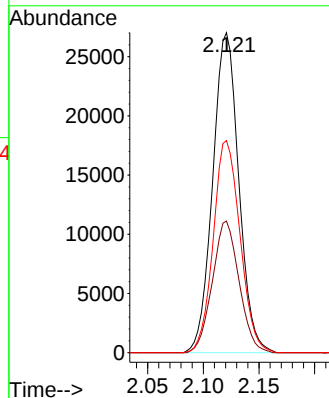
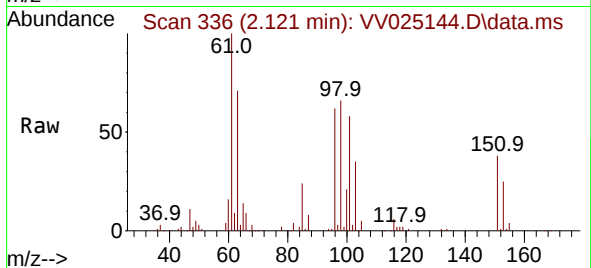
Tgt Ion:101 Resp: 44020

Ion Ratio Lower Upper

101 100

85 42.1 34.8 52.2

151 68.2 55.6 83.4



#12

1,1-Dichloroethene

Concen: 5.148 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

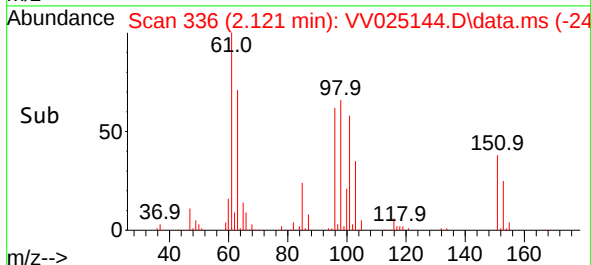
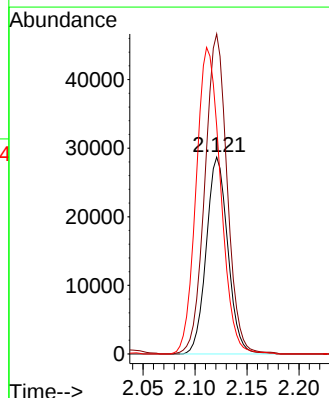
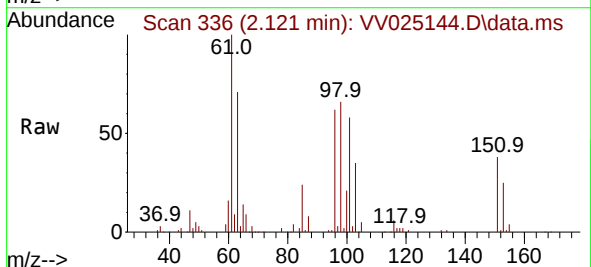
Tgt Ion: 96 Resp: 41275

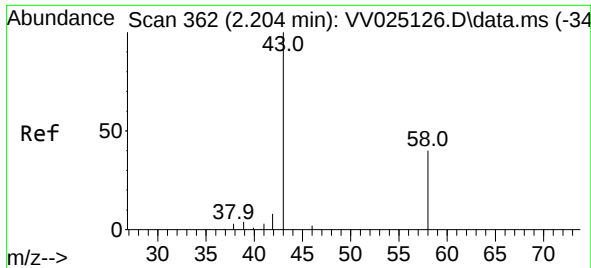
Ion Ratio Lower Upper

96 100

61 162.6 113.0 209.9

63 115.9 82.1 152.5





#13

Acetone

Concen: 62.199 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

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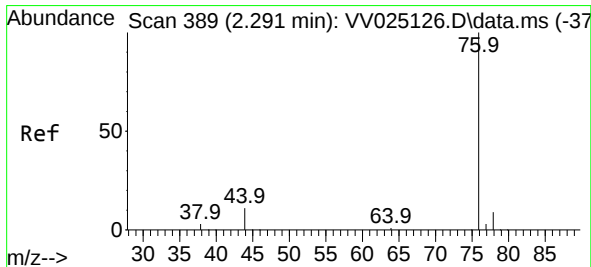
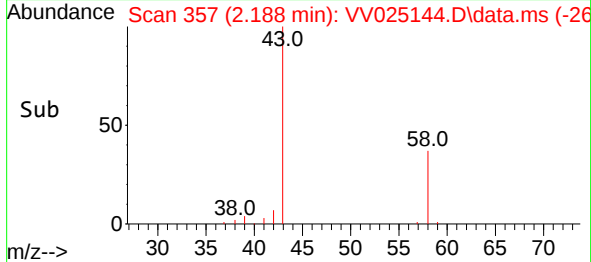
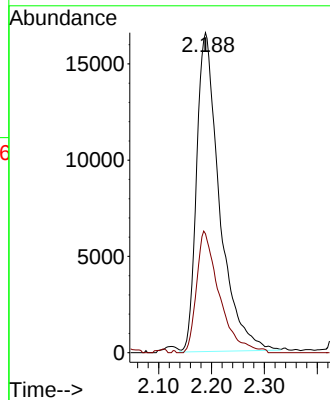
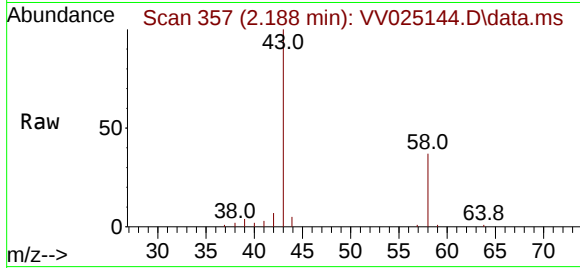
EW607MS

Tgt Ion: 43 Resp: 49952

Ion Ratio Lower Upper

43 100

58 37.6 0.0 54.2



#14

Carbon disulfide

Concen: 4.531 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.006 min

Lab File: VV025144.D

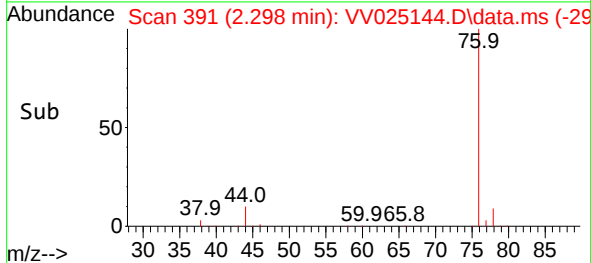
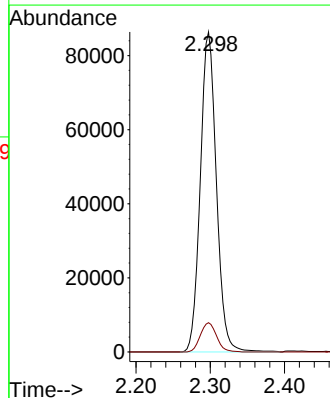
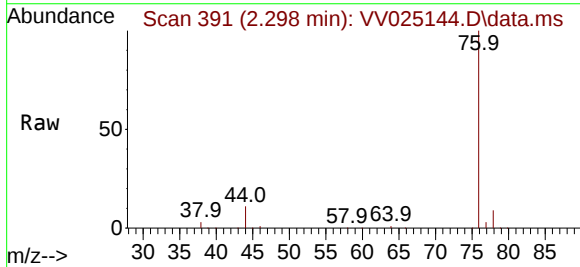
Acq: 23 Mar 2022 20:14

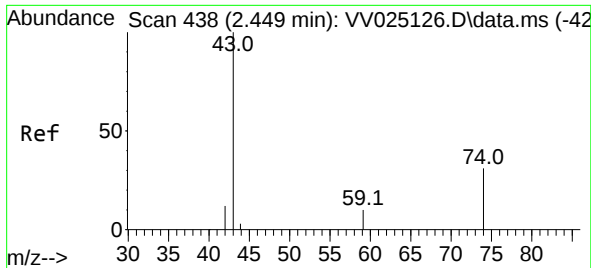
Tgt Ion: 76 Resp: 129996

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 5.136 ug/L

RT: 2.442 min Scan# 41

Delta R.T. -0.006 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

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MSVOA_V

ClientSampleId :

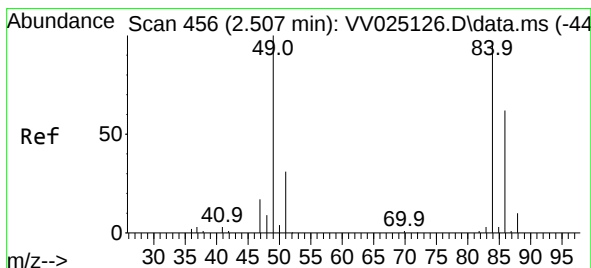
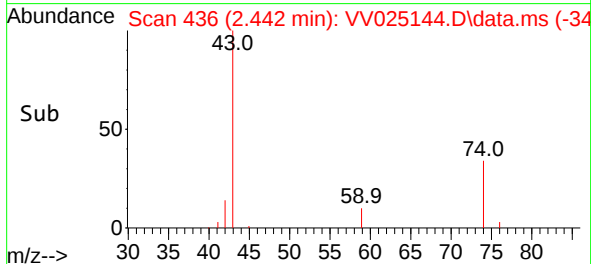
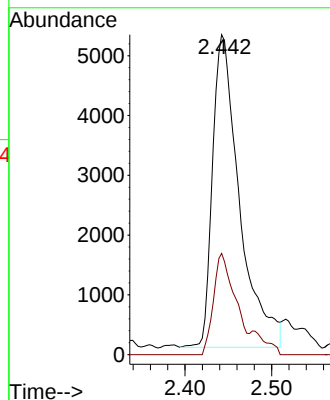
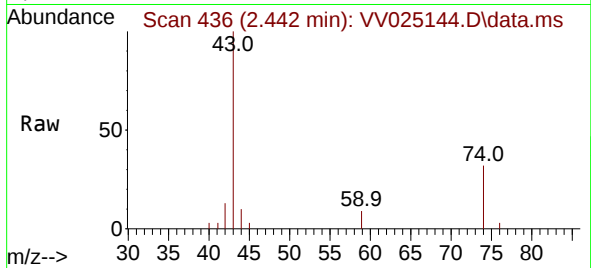
EW607MS

Tgt Ion: 43 Resp: 11300

Ion Ratio Lower Upper

43 100

74 26.1 24.2 36.4



#16

Methylene chloride

Concen: 4.891 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

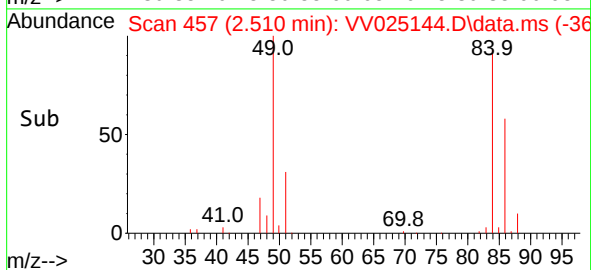
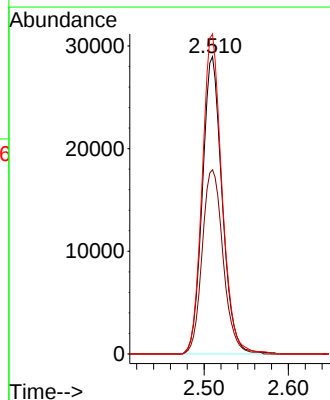
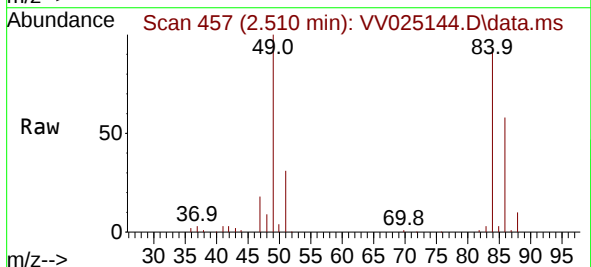
Tgt Ion: 84 Resp: 47512

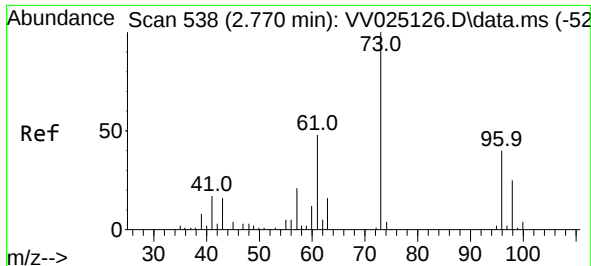
Ion Ratio Lower Upper

84 100

86 62.0 45.5 84.5

49 107.6 75.0 139.2

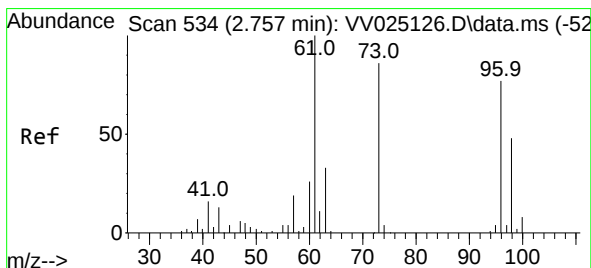
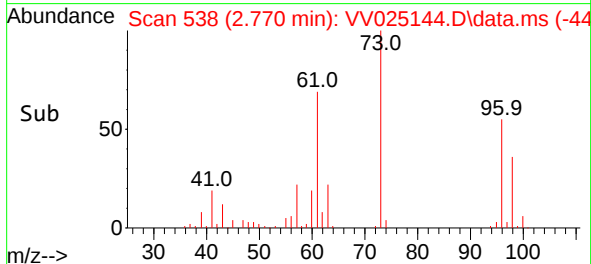
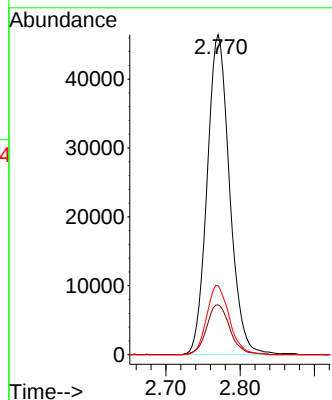
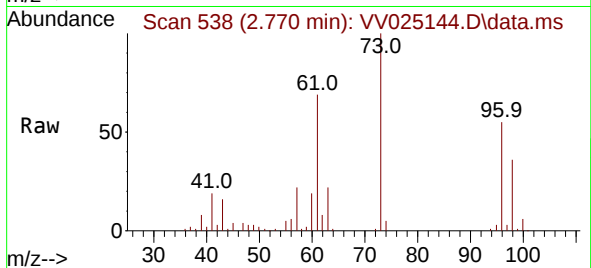




#17
Methyl tert-butyl Ether
Concen: 5.593 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

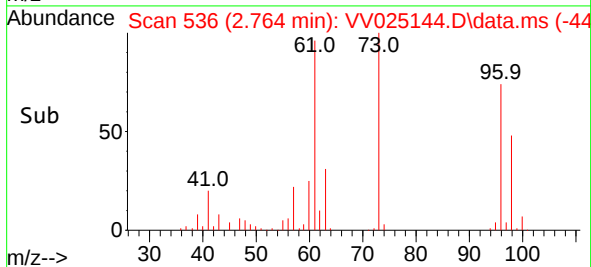
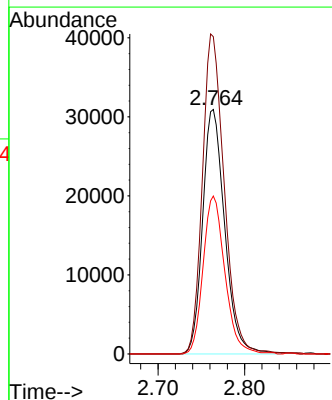
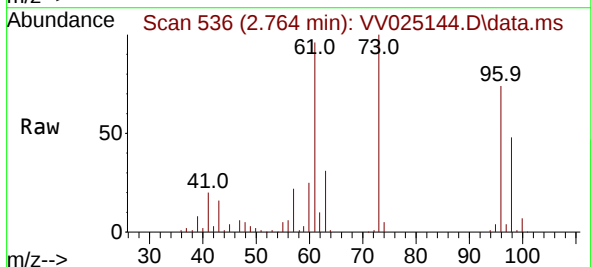
Instrument :
MSVOA_V
ClientSampleId :
EW607MS

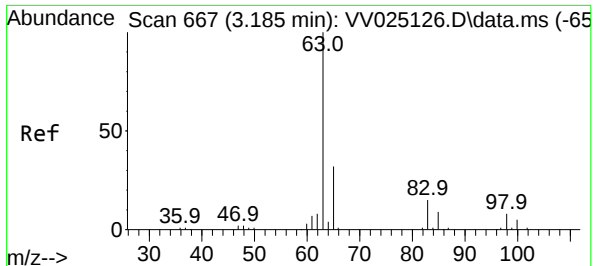
Tgt Ion: 73 Resp: 97676
Ion Ratio Lower Upper
73 100
43 16.3 13.2 19.8
57 21.7 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 5.674 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

Tgt Ion: 96 Resp: 54748
Ion Ratio Lower Upper
96 100
61 129.8 89.2 165.6
98 64.6 43.9 81.5





#19

1,1-Dichloroethane

Concen: 34.820 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.006 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EW607MS

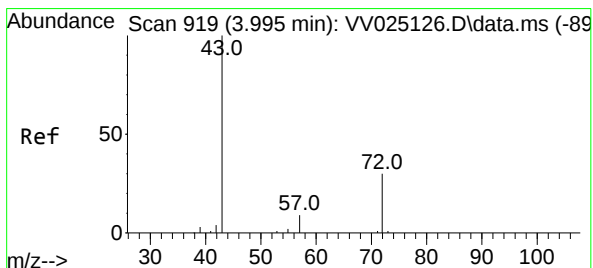
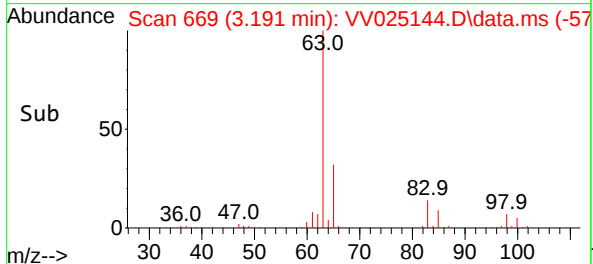
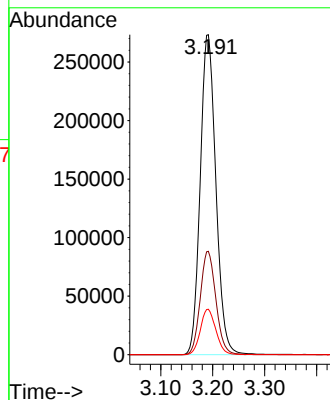
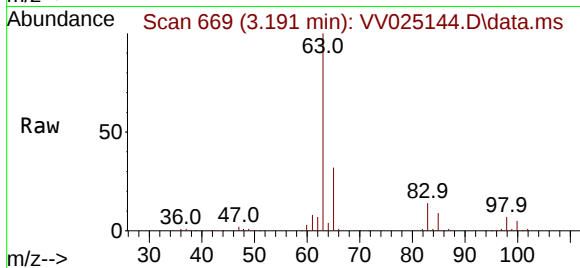
Tgt Ion: 63 Resp: 571807

Ion Ratio Lower Upper

63 100

65 32.3 22.2 41.2

83 14.2 9.4 17.4



#21

2-Butanone

Concen: 62.128 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.016 min

Lab File: VV025144.D

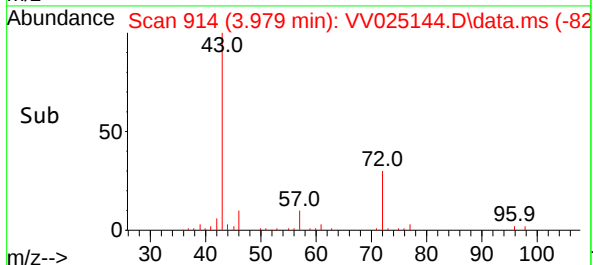
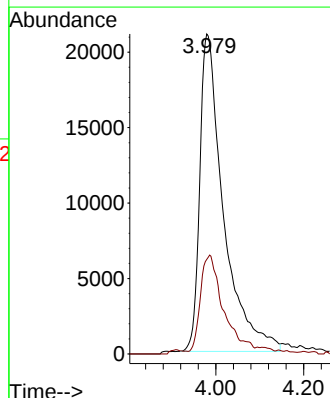
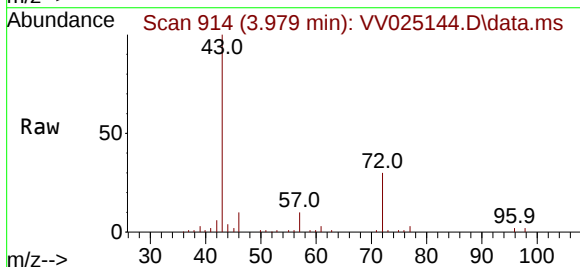
Acq: 23 Mar 2022 20:14

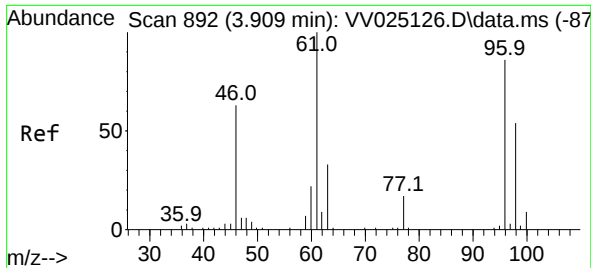
Tgt Ion: 43 Resp: 78750

Ion Ratio Lower Upper

43 100

72 29.1 10.4 31.2

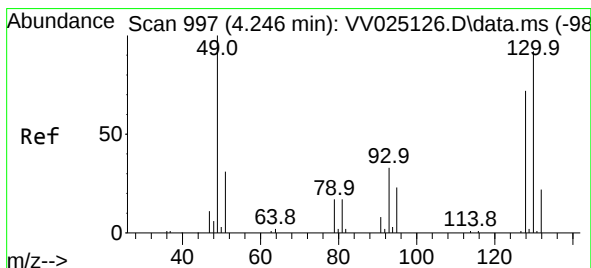
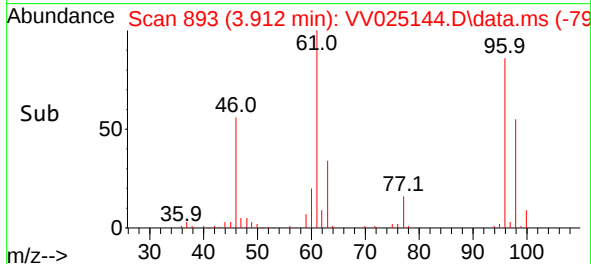
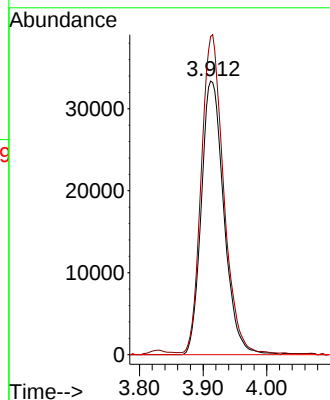
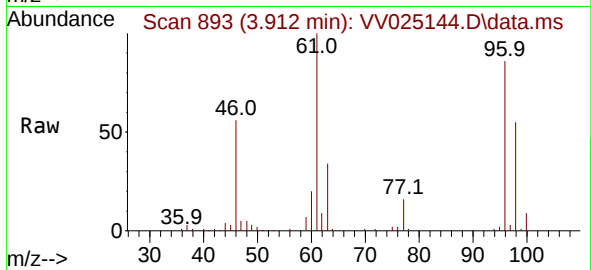




#22
 cis-1,2-Dichloroethene
 Concen: 8.442 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV025144.D
 Acq: 23 Mar 2022 20:14

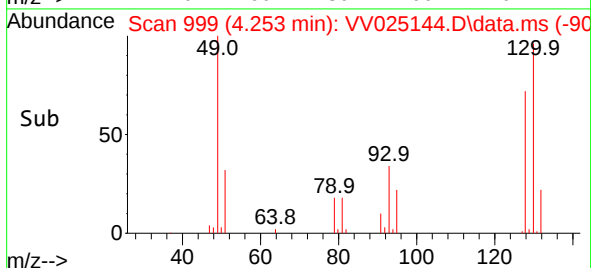
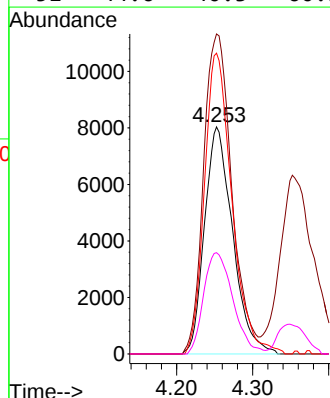
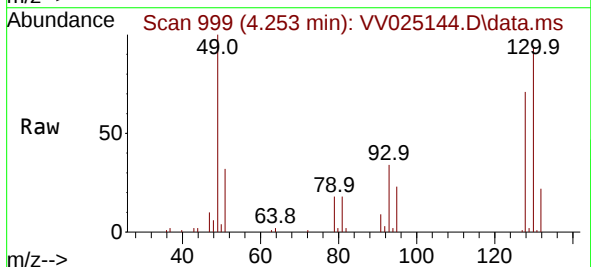
Instrument :
 MSVOA_V
 ClientSampleId :
 EW607MS

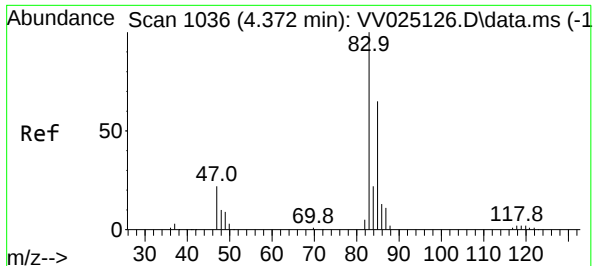
Tgt Ion: 96 Resp: 82238
 Ion Ratio Lower Upper
 96 100
 61 116.2 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.374 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.006 min
 Lab File: VV025144.D
 Acq: 23 Mar 2022 20:14

Tgt Ion: 128 Resp: 20639
 Ion Ratio Lower Upper
 128 100
 49 141.0 107.5 199.7
 130 132.5 89.4 166.0
 51 44.6 40.3 60.5





#25

Chloroform

Concen: 5.193 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

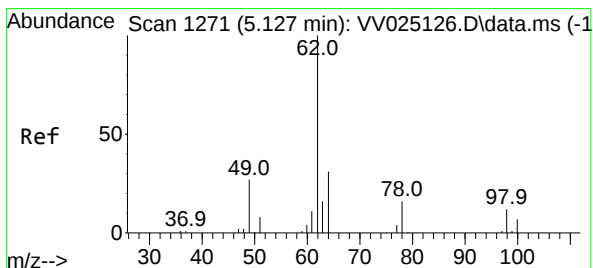
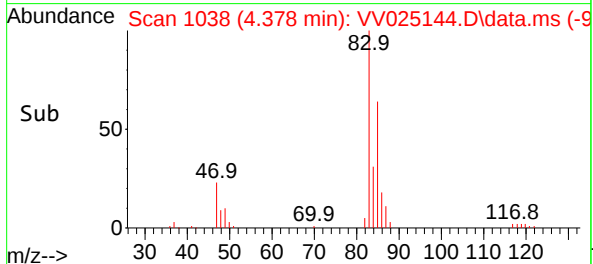
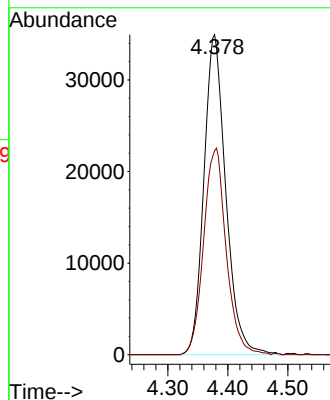
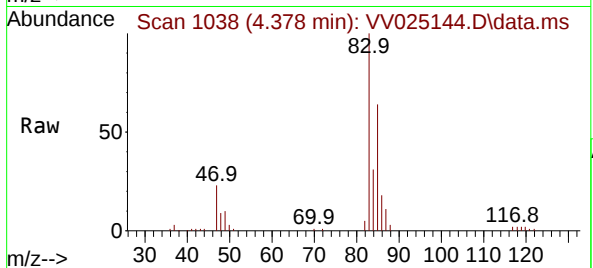
EW607MS

Tgt Ion: 83 Resp: 88785

Ion Ratio Lower Upper

83 100

85 63.8 44.5 82.7



#27

1,2-Dichloroethane

Concen: 5.143 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV025144.D

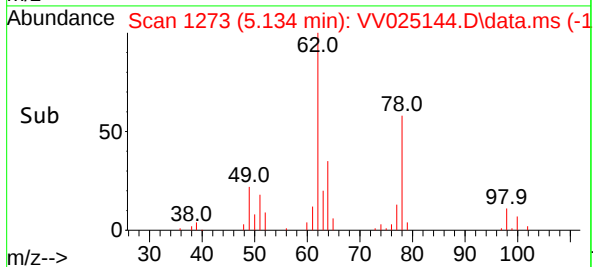
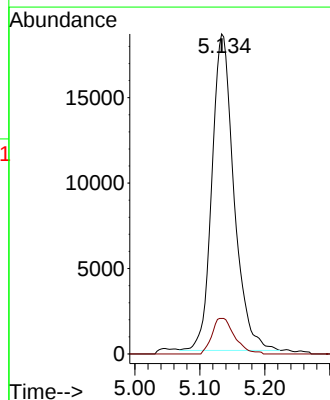
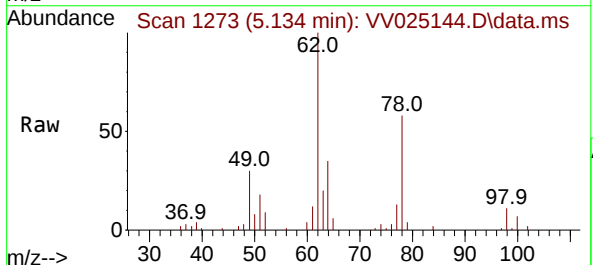
Acq: 23 Mar 2022 20:14

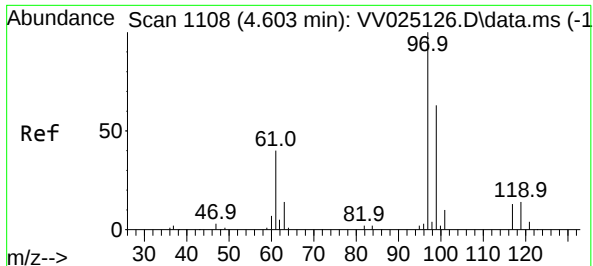
Tgt Ion: 62 Resp: 43723

Ion Ratio Lower Upper

62 100

98 11.1 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 22.307 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EW607MS

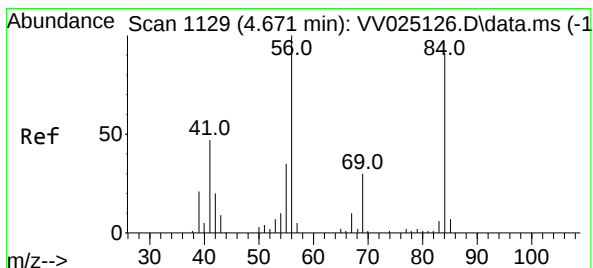
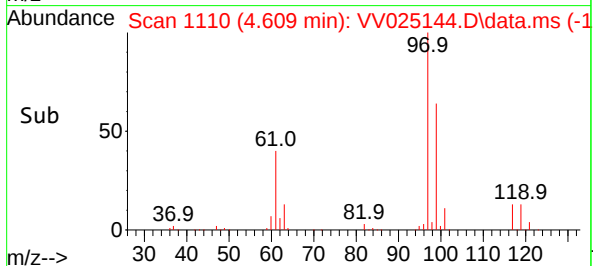
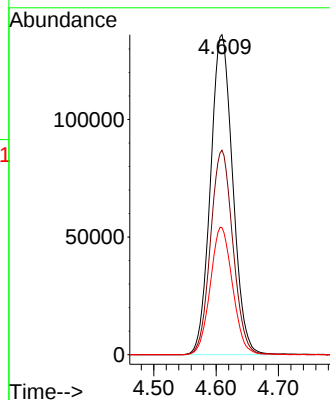
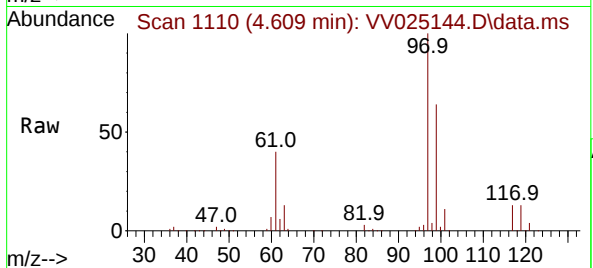
Tgt Ion: 97 Resp: 337303

Ion Ratio Lower Upper

97 100

99 64.4 50.7 76.1

61 39.9 32.4 48.6



#30

Cyclohexane

Concen: 4.937 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

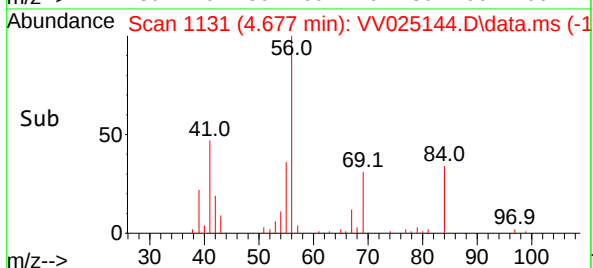
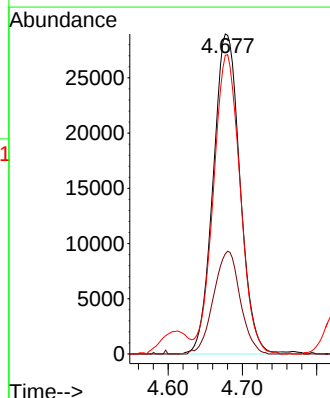
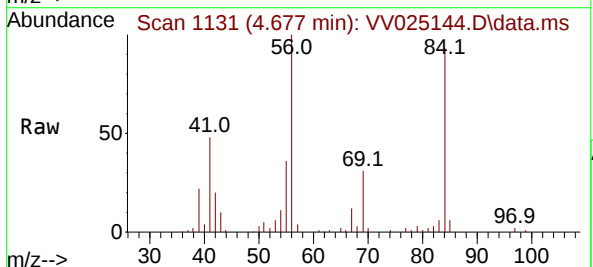
Tgt Ion: 56 Resp: 72635

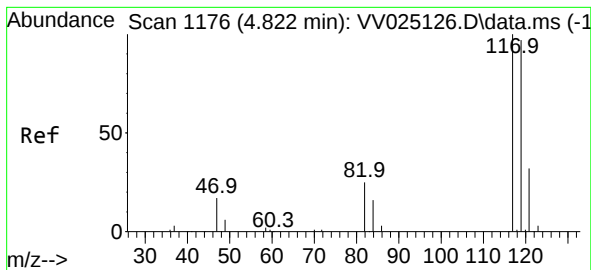
Ion Ratio Lower Upper

56 100

69 32.0 24.9 37.3

84 93.5 75.9 113.9





#31

Carbon tetrachloride

Concen: 4.994 ug/L

RT: 4.828 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

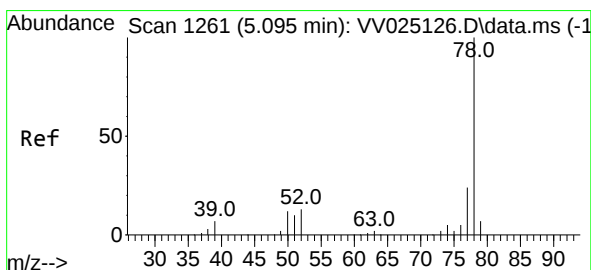
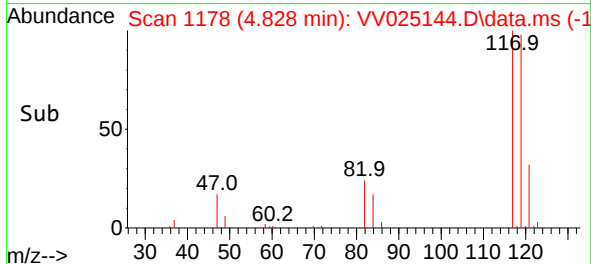
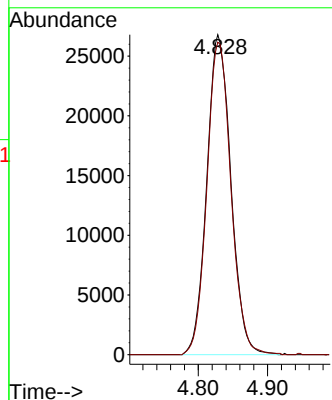
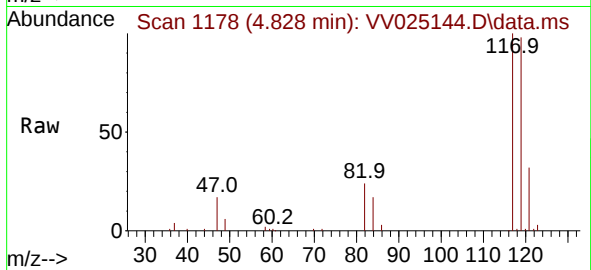
EW607MS

Tgt Ion:117 Resp: 64789

Ion Ratio Lower Upper

117 100

119 97.6 76.8 115.2



#33

Benzene

Concen: 5.069 ug/L

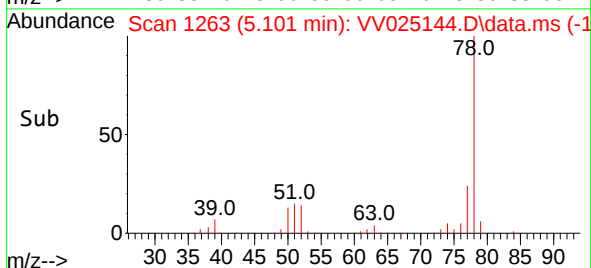
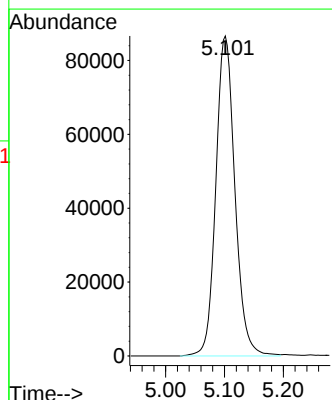
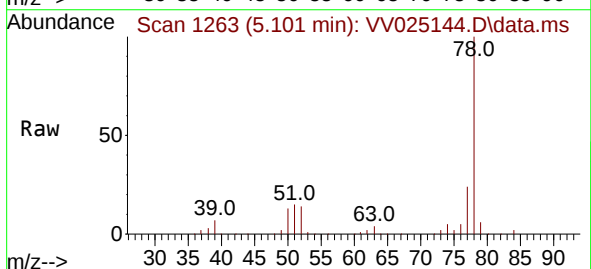
RT: 5.101 min Scan# 1263

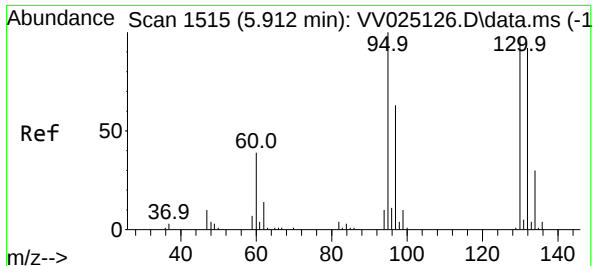
Delta R.T. 0.006 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

Tgt Ion: 78 Resp: 195509





#34

Trichloroethene

Concen: 14.054 ug/L

RT: 5.912 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EW607MS

Tgt Ion: 95 Resp: 144322

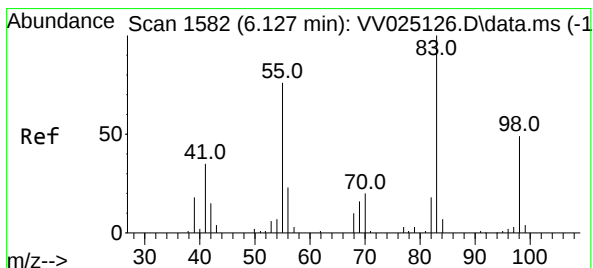
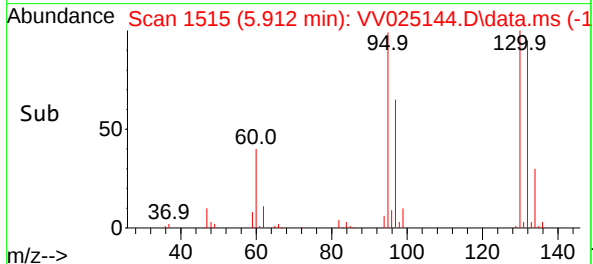
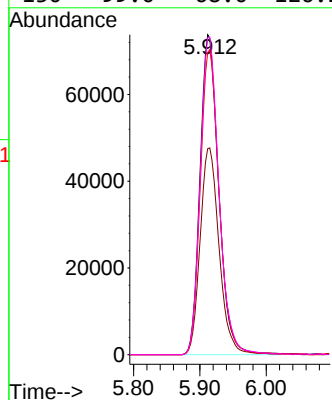
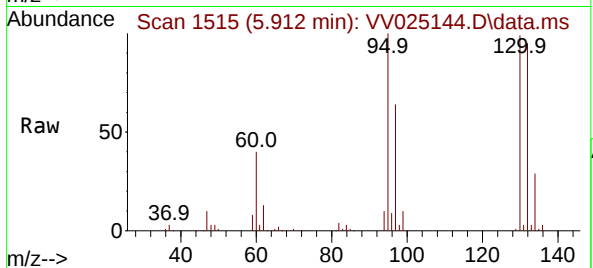
Ion Ratio Lower Upper

95 100

97 64.4 44.5 82.7

132 94.5 66.5 123.5

130 99.0 68.0 126.2



#35

Methylcyclohexane

Concen: 5.598 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

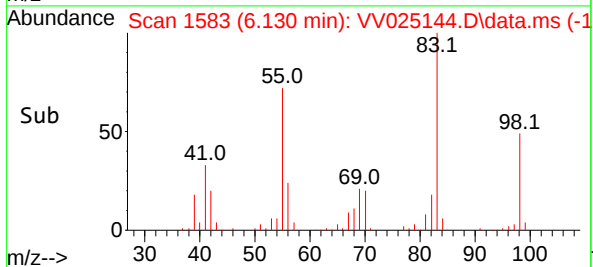
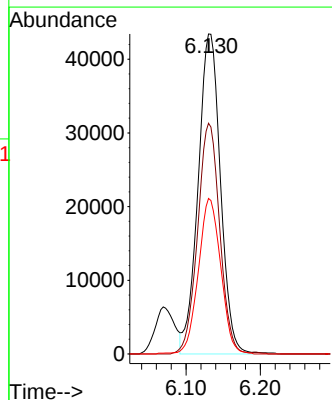
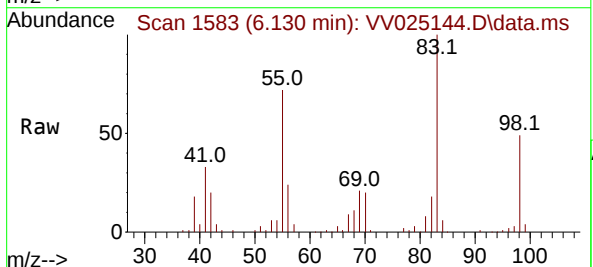
Tgt Ion: 83 Resp: 90999

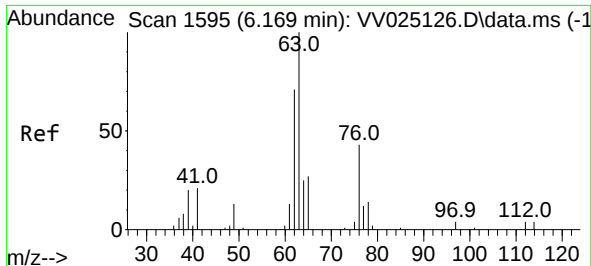
Ion Ratio Lower Upper

83 100

55 71.0 55.4 83.0

98 48.7 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.261 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

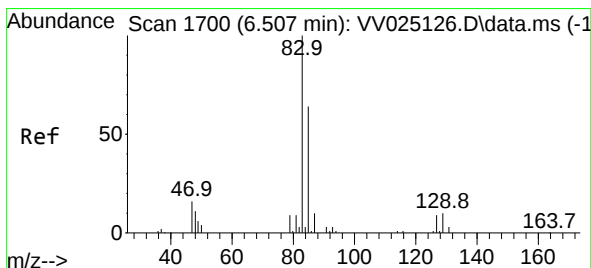
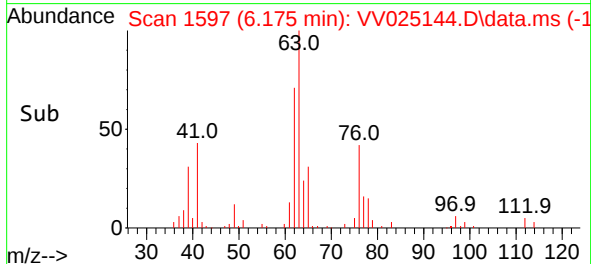
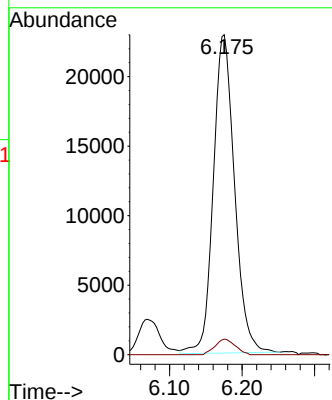
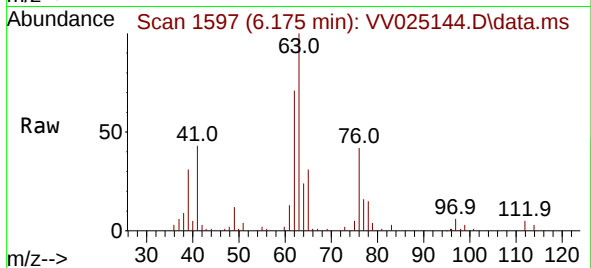
EW607MS

Tgt Ion: 63 Resp: 46624

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 5.156 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

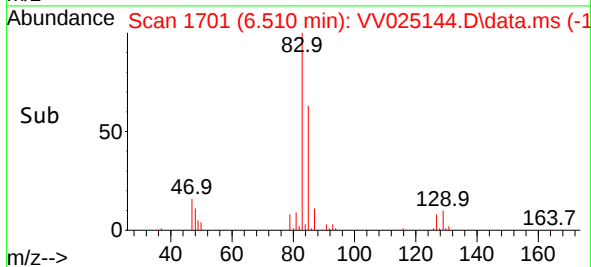
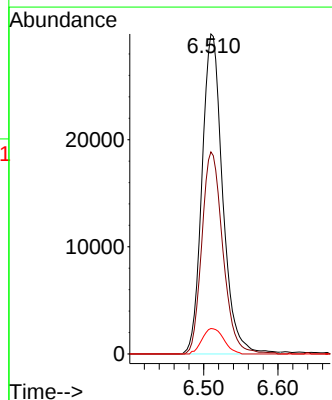
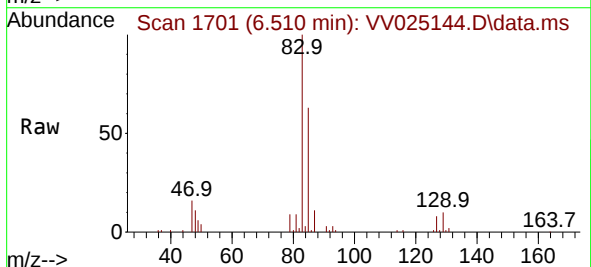
Tgt Ion: 83 Resp: 57787

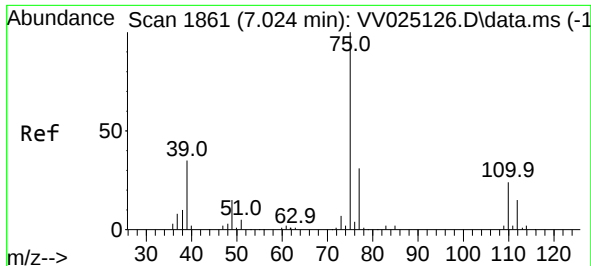
Ion Ratio Lower Upper

83 100

85 63.1 44.8 83.2

127 8.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.745 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

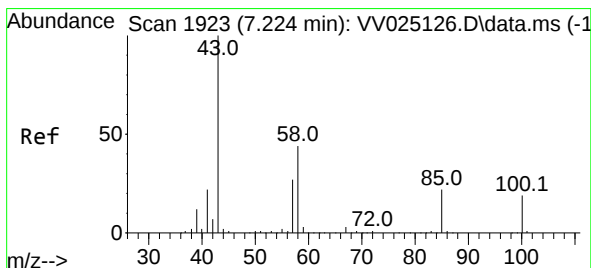
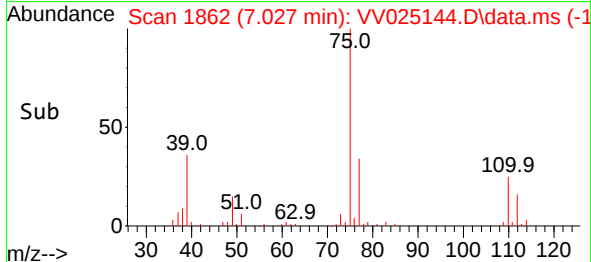
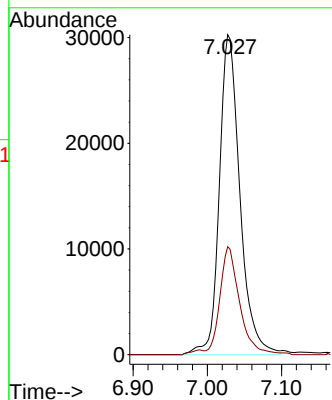
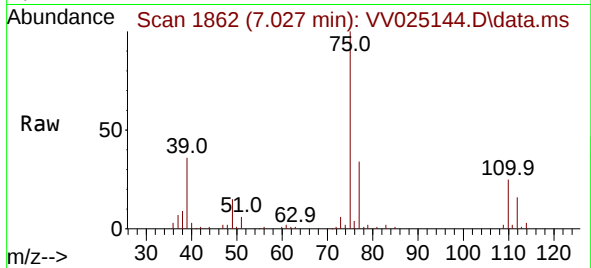
EW607MS

Tgt Ion: 75 Resp: 58390

Ion Ratio Lower Upper

75 100

77 33.7 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 54.280 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

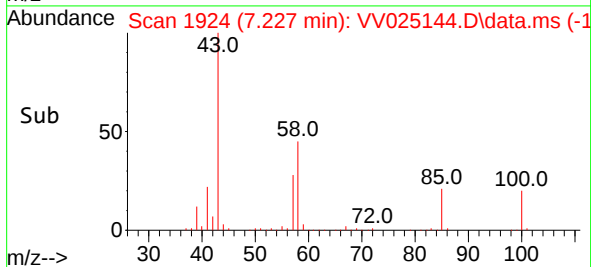
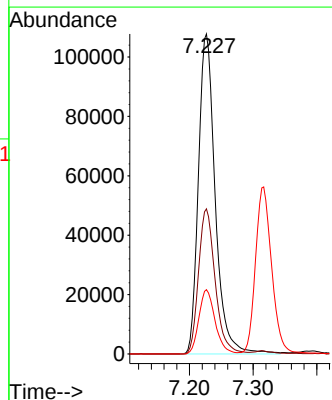
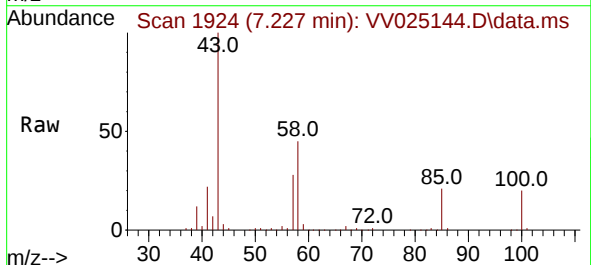
Tgt Ion: 43 Resp: 197954

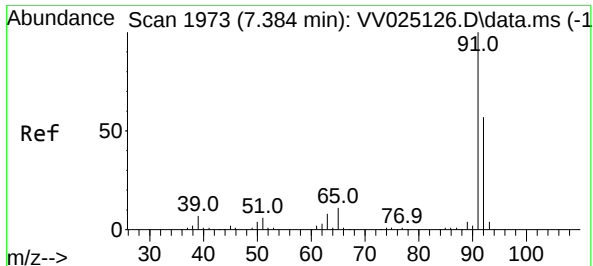
Ion Ratio Lower Upper

43 100

58 44.9 36.6 55.0

100 19.3 13.8 20.8





#42

Toluene

Concen: 5.213 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

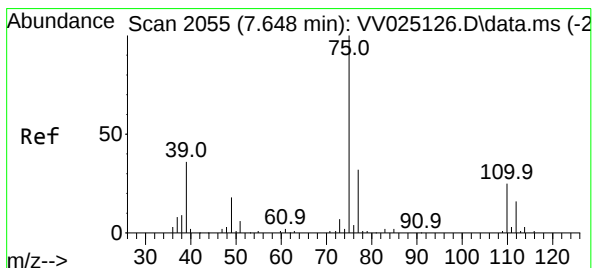
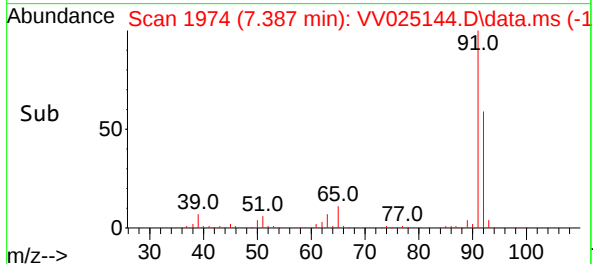
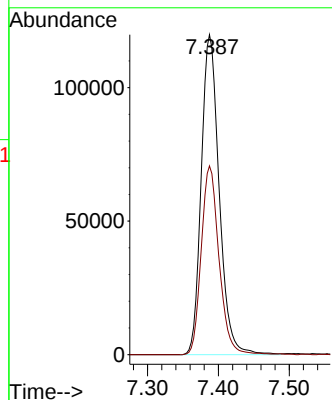
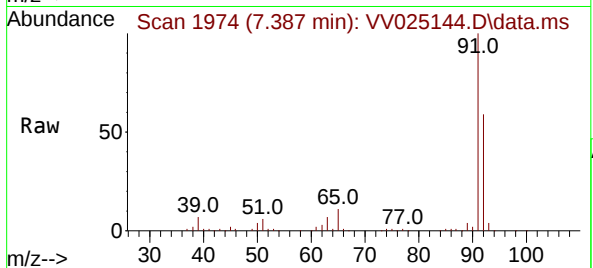
EW607MS

Tgt Ion: 91 Resp: 210420

Ion Ratio Lower Upper

91 100

92 59.0 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.763 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025144.D

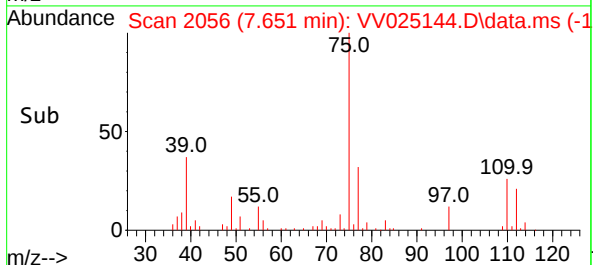
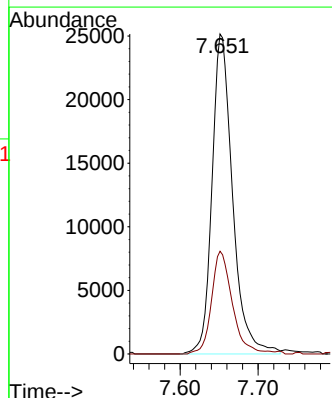
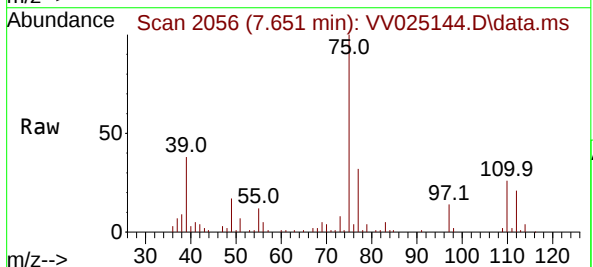
Acq: 23 Mar 2022 20:14

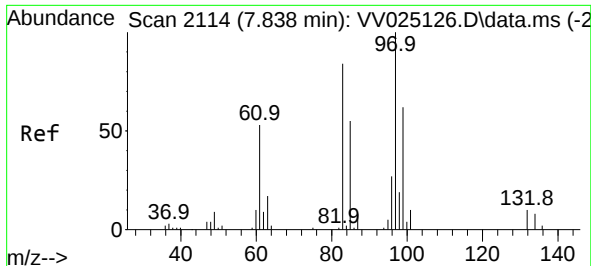
Tgt Ion: 75 Resp: 46117

Ion Ratio Lower Upper

75 100

77 32.1 23.0 42.6



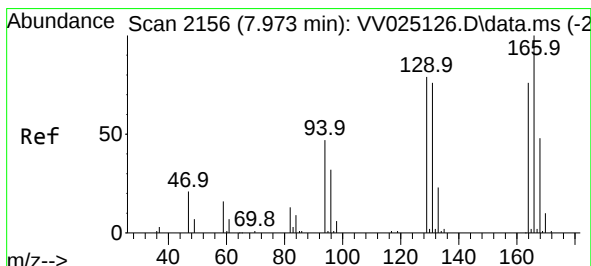
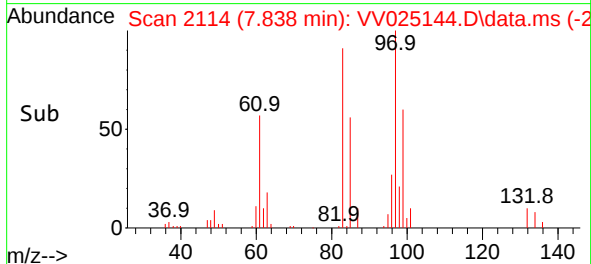
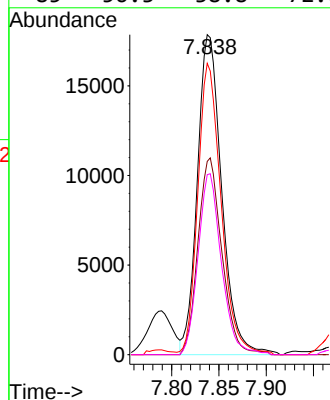
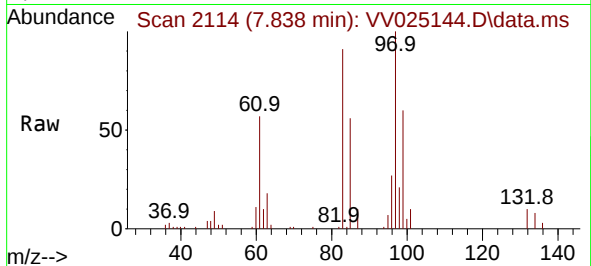


#45
1,1,2-Trichloroethane
Concen: 5.426 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

Instrument :
MSVOA_V
ClientSampleId :
EW607MS

Tgt Ion: 97 Resp: 32116

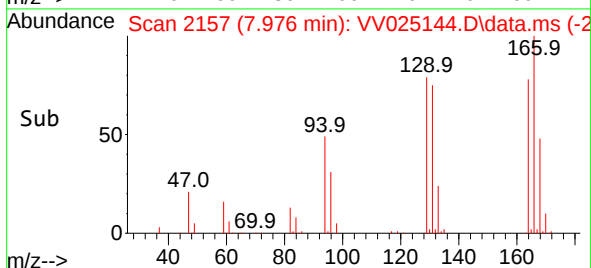
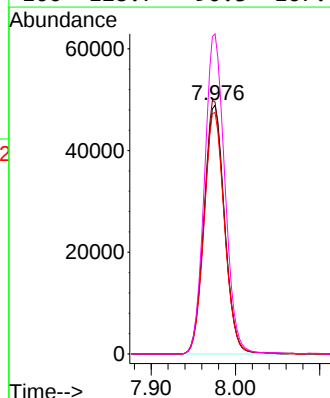
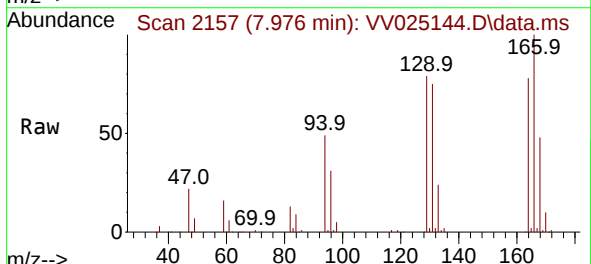
Ion	Ratio	Lower	Upper
97	100		
99	60.4	43.7	81.1
83	91.1	58.9	109.3
85	56.3	38.8	72.0

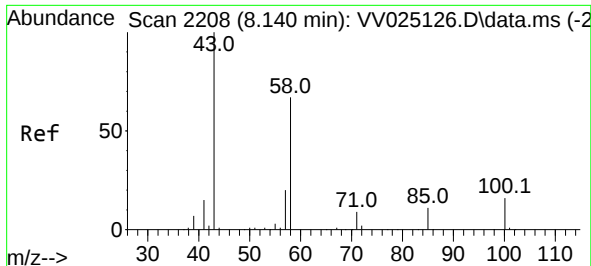


#47
Tetrachloroethene
Concen: 11.445 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

Tgt Ion: 164 Resp: 82680

Ion	Ratio	Lower	Upper
164	100		
129	101.2	70.3	130.7
131	97.1	69.4	129.0
166	128.7	90.3	167.7

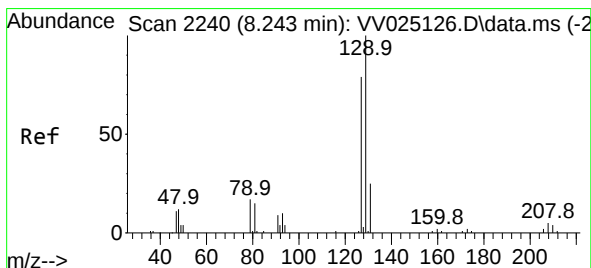
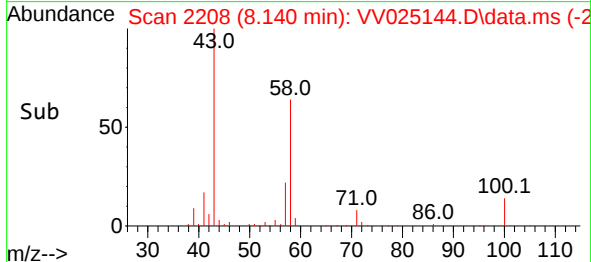
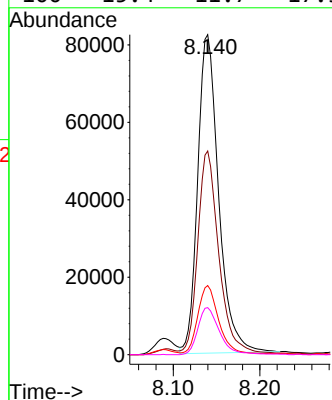
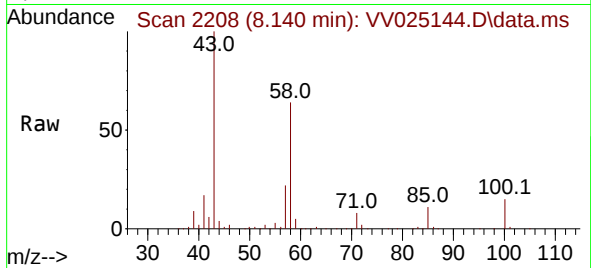




#48
2-Hexanone
Concen: 53.488 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

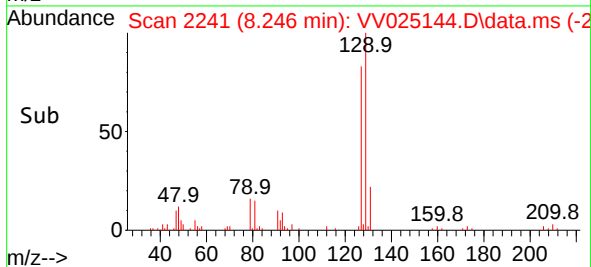
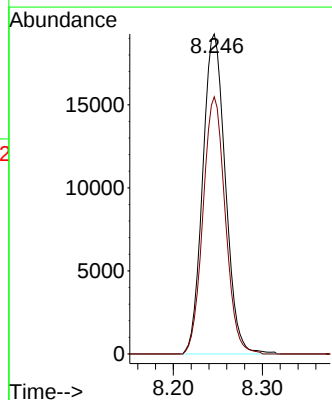
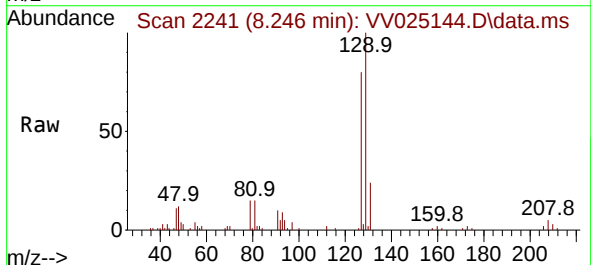
Instrument :
MSVOA_V
ClientSampleId :
EW607MS

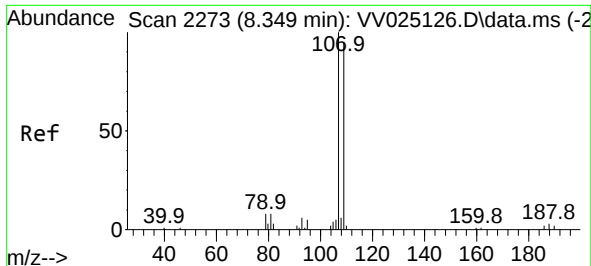
Tgt Ion: 43 Resp: 138291
Ion Ratio Lower Upper
43 100
58 63.9 49.2 73.8
57 21.4 16.0 24.0
100 15.4 11.7 17.5



#49
Dibromochloromethane
Concen: 5.141 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

Tgt Ion: 129 Resp: 34068
Ion Ratio Lower Upper
129 100
127 80.4 54.9 102.1





#50

1,2-Dibromoethane

Concen: 5.232 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EW607MS

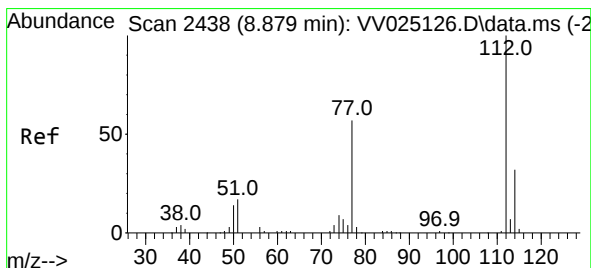
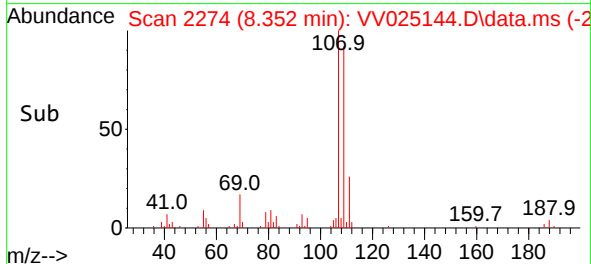
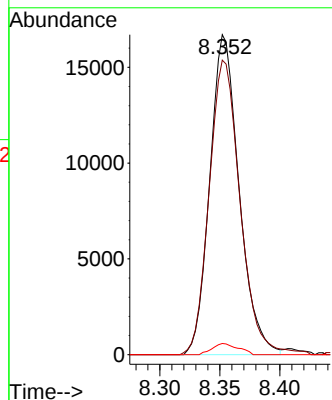
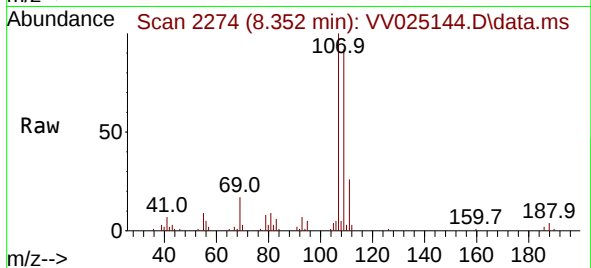
Tgt Ion:107 Resp: 28345

Ion Ratio Lower Upper

107 100

109 92.0 65.5 121.6

188 3.5 2.4 3.6



#51

Chlorobenzene

Concen: 5.187 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

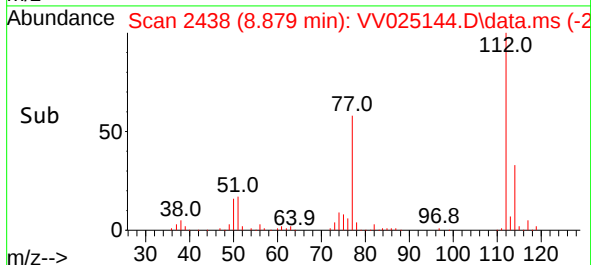
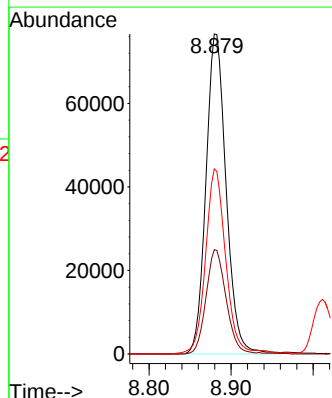
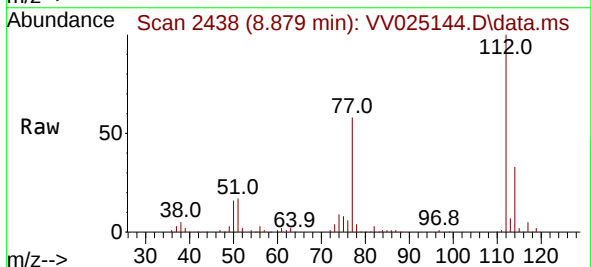
Tgt Ion:112 Resp: 131084

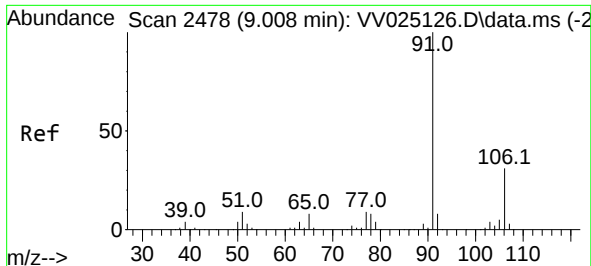
Ion Ratio Lower Upper

112 100

114 32.6 22.5 41.7

77 57.8 45.3 67.9

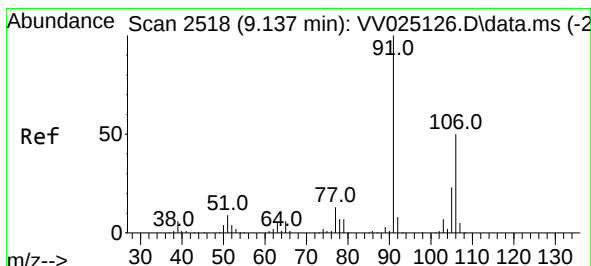
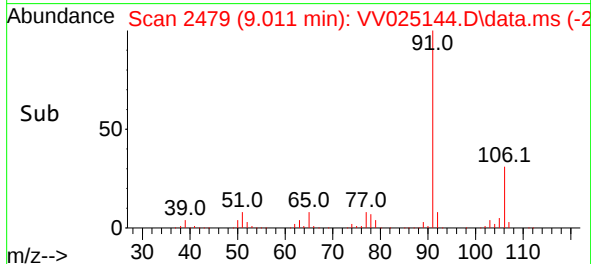
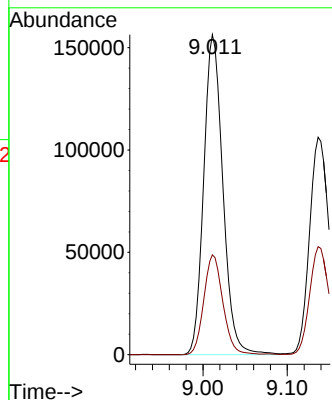
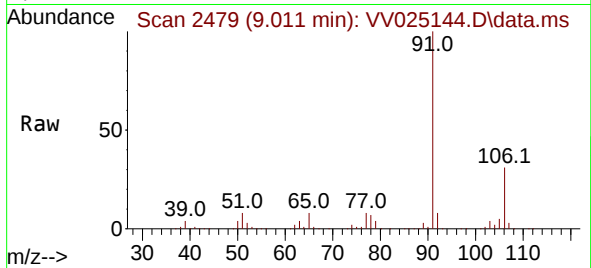




#52
Ethylbenzene
Concen: 5.810 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

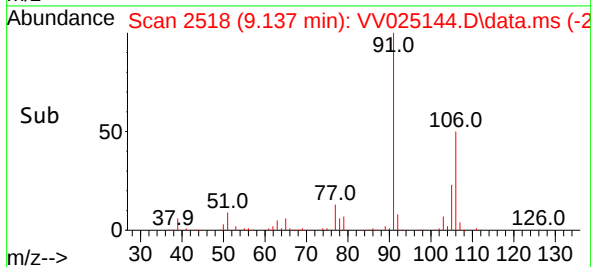
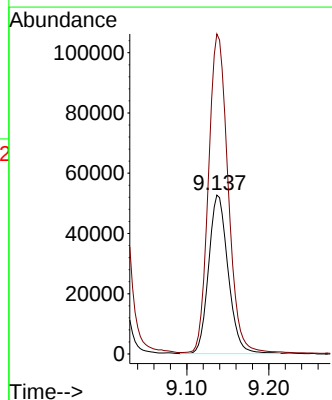
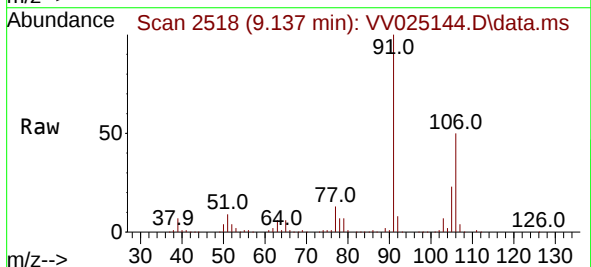
Instrument :
MSVOA_V
ClientSampleId :
EW607MS

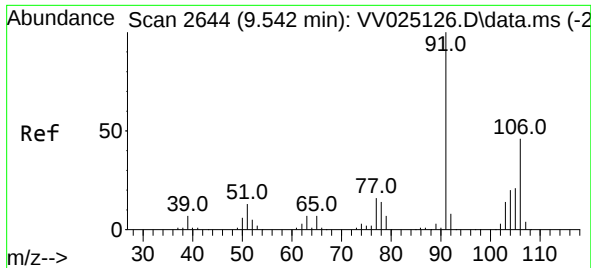
Tgt Ion: 91 Resp: 248059
Ion Ratio Lower Upper
91 100
106 31.2 21.9 40.7



#53
m,p-xylene
Concen: 5.267 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

Tgt Ion: 106 Resp: 86602
Ion Ratio Lower Upper
106 100
91 201.3 143.4 266.4

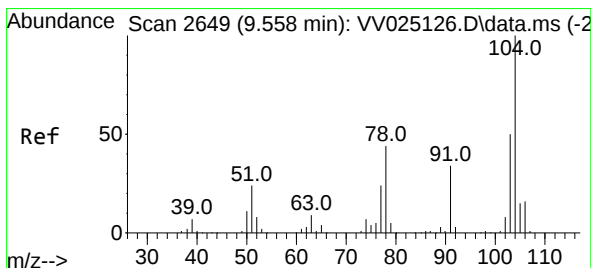
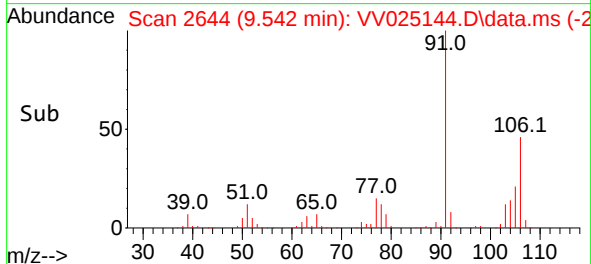
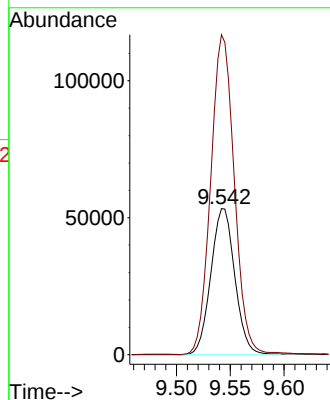
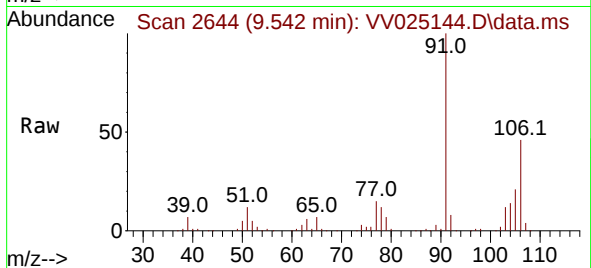




#54
o-xylene
Concen: 5.257 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

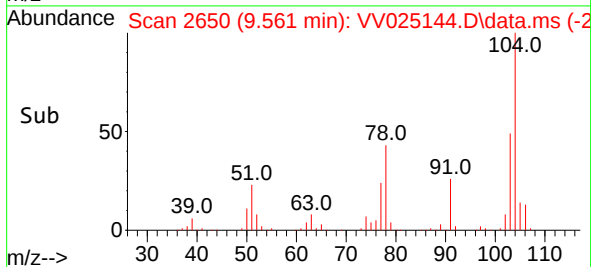
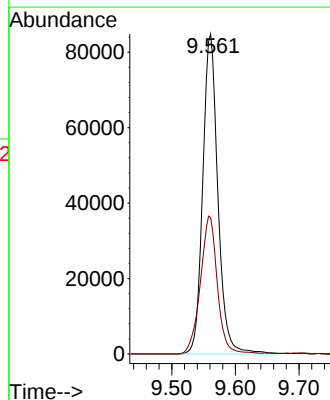
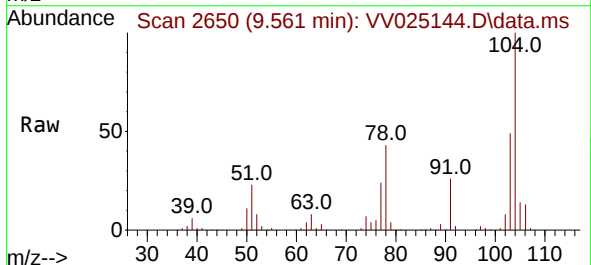
Instrument :
MSVOA_V
ClientSampleId :
EW607MS

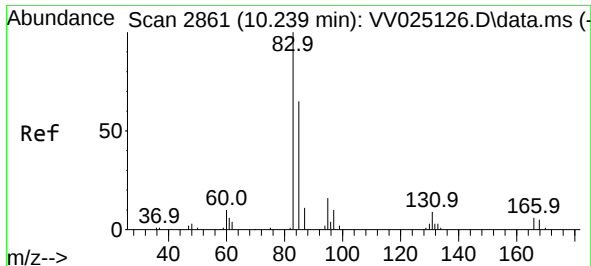
Tgt Ion:106 Resp: 82663
Ion Ratio Lower Upper
106 100
91 218.9 146.7 272.5



#55
Styrene
Concen: 5.473 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

Tgt Ion:104 Resp: 140143
Ion Ratio Lower Upper
104 100
78 42.7 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 6.166 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EW607MS

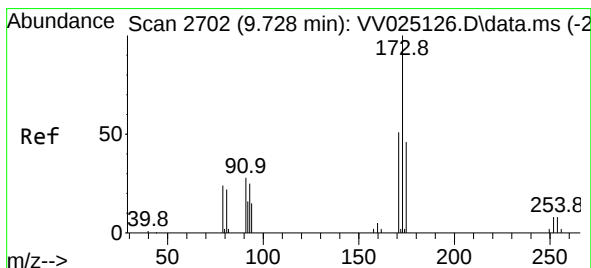
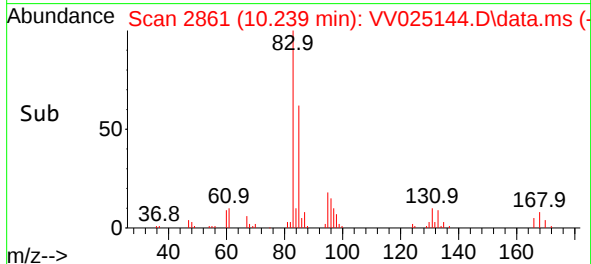
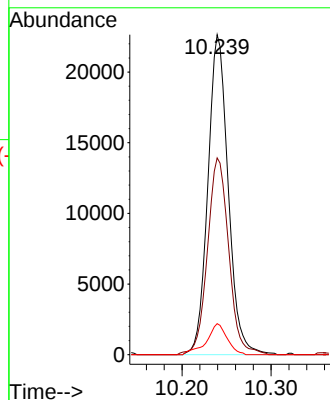
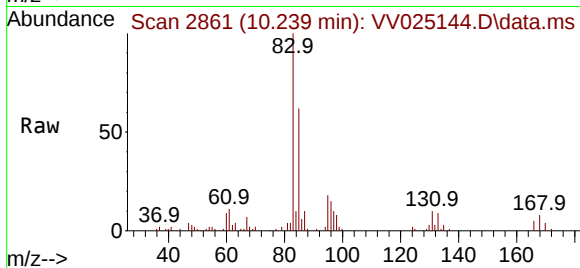
Tgt Ion: 83 Resp: 35783

Ion Ratio Lower Upper

83 100

85 61.5 43.9 81.5

131 9.7 7.5 11.3



#59

Bromoform

Concen: 4.567 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.003 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

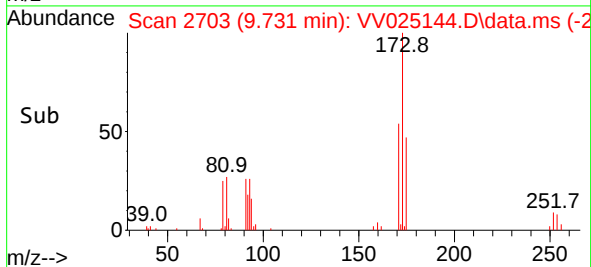
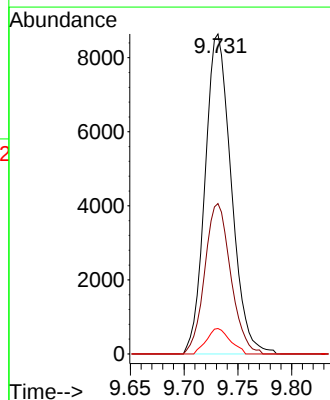
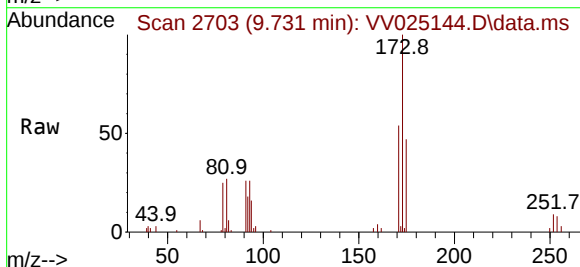
Tgt Ion: 173 Resp: 14624

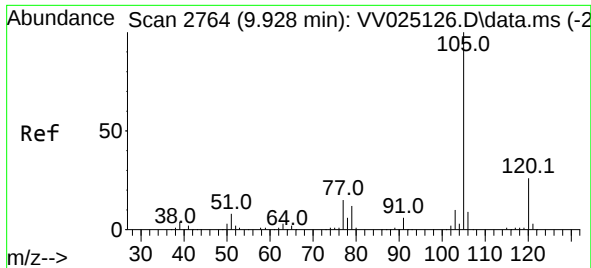
Ion Ratio Lower Upper

173 100

175 46.7 37.8 56.8

254 7.1 5.8 8.6

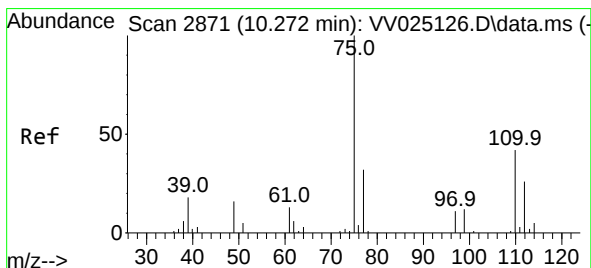
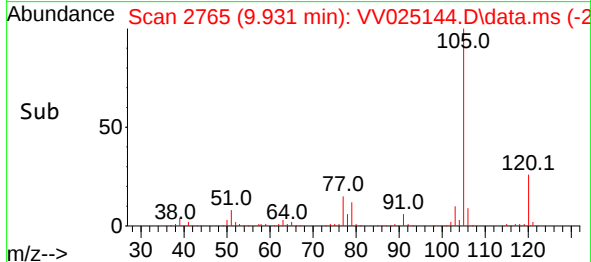
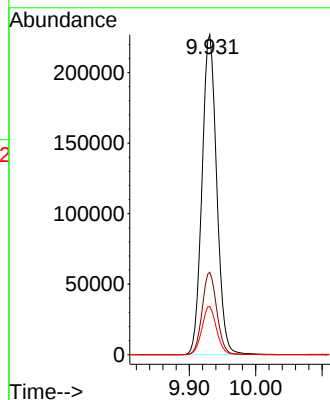
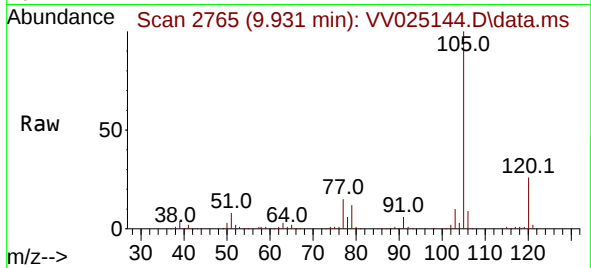




#60
Isopropylbenzene
Concen: 7.789 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

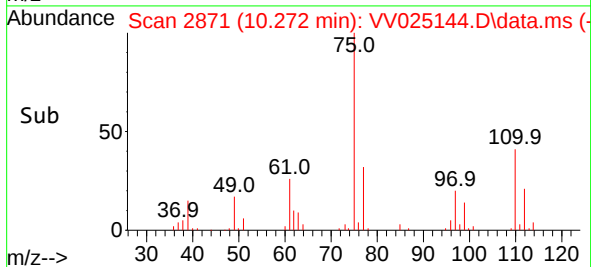
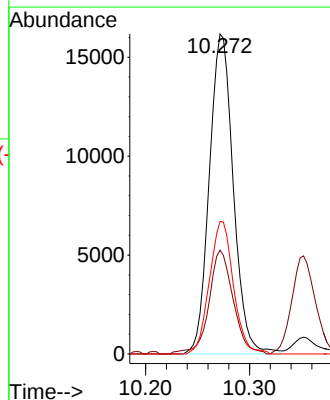
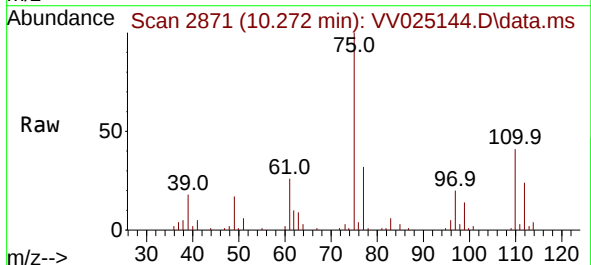
Instrument :
MSVOA_V
ClientSampleId :
EW607MS

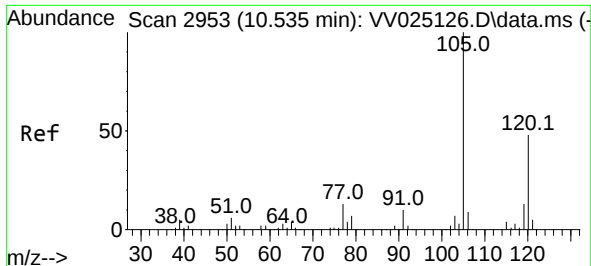
Tgt Ion:105 Resp: 349244
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.192 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

Tgt Ion: 75 Resp: 25961
Ion Ratio Lower Upper
75 100
77 32.5 25.7 38.5
110 41.5 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 5.613 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

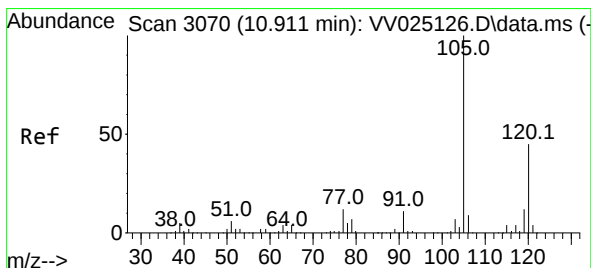
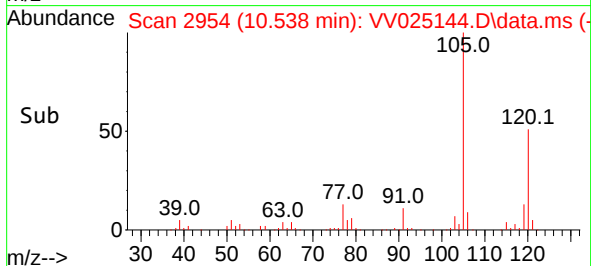
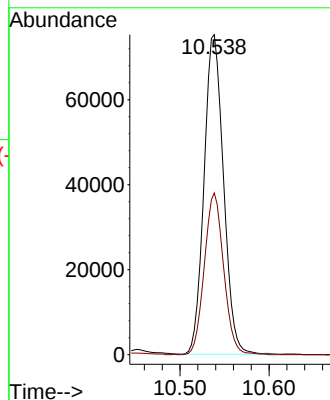
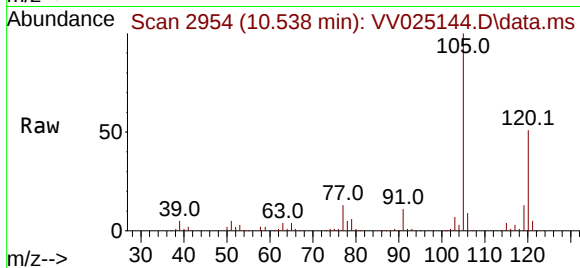
EW607MS

Tgt Ion:105 Resp: 114199

Ion Ratio Lower Upper

105 100

120 50.2 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.271 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV025144.D

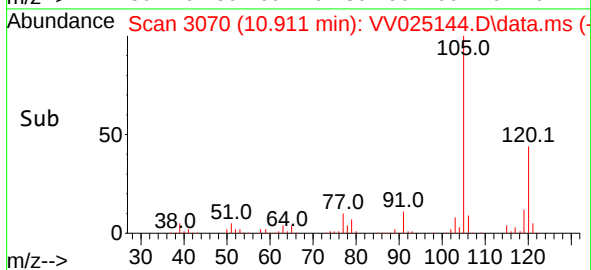
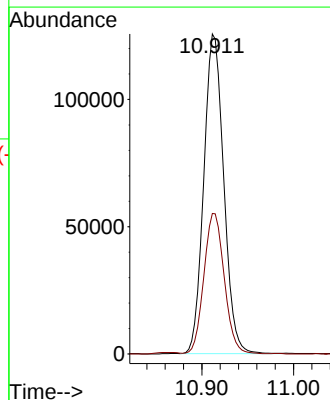
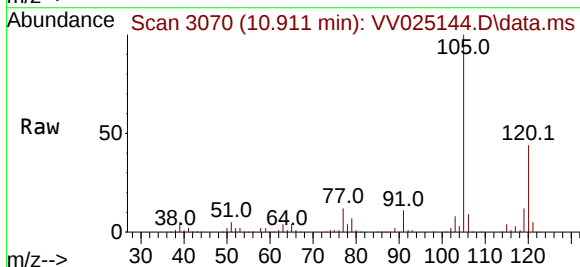
Acq: 23 Mar 2022 20:14

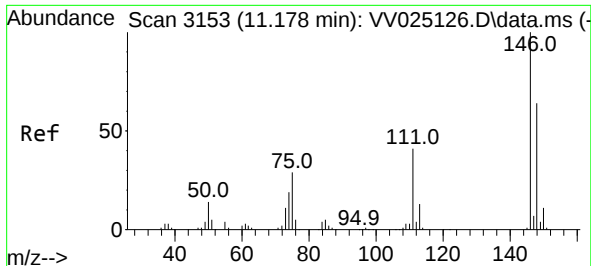
Tgt Ion:105 Resp: 189918

Ion Ratio Lower Upper

105 100

120 44.7 35.8 53.8

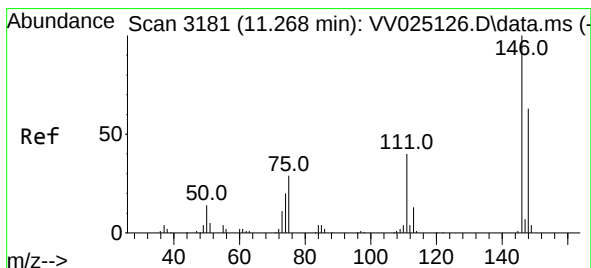
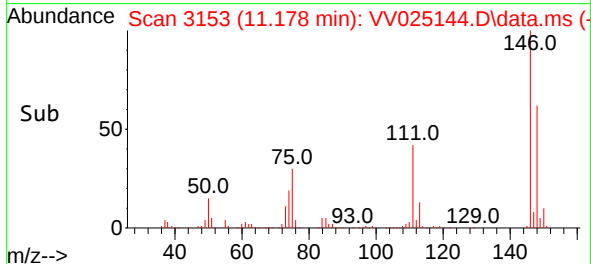
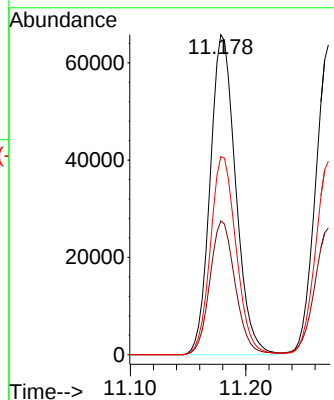
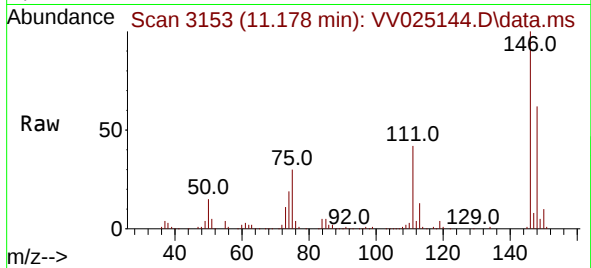




#64
1,3-Dichlorobenzene
Concen: 5.199 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

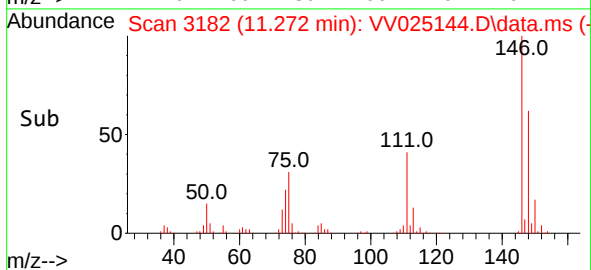
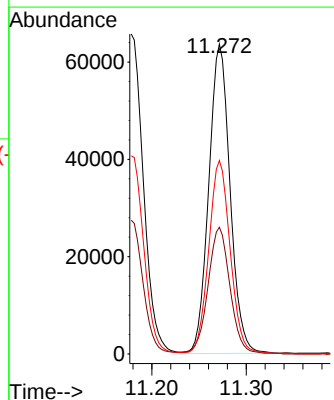
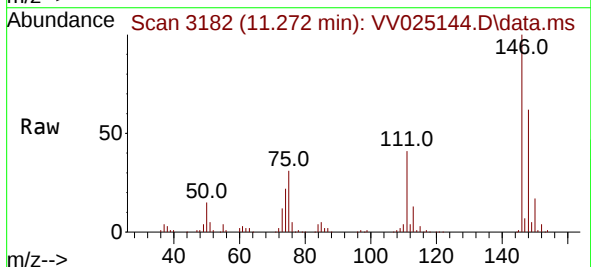
Instrument :
MSVOA_V
ClientSampleId :
EW607MS

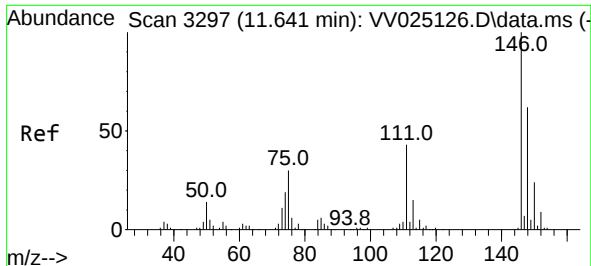
Tgt Ion:146 Resp: 101124
Ion Ratio Lower Upper
146 100
111 41.8 29.2 54.2
148 61.9 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 5.071 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

Tgt Ion:146 Resp: 99428
Ion Ratio Lower Upper
146 100
111 40.9 28.2 52.4
148 62.4 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 6.713 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

Instrument :

MSVOA_V

ClientSampleId :

EW607MS

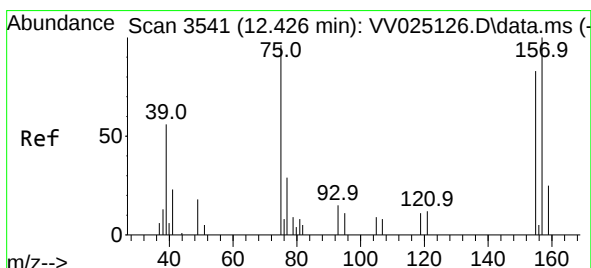
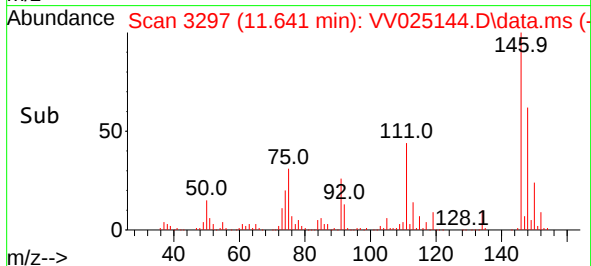
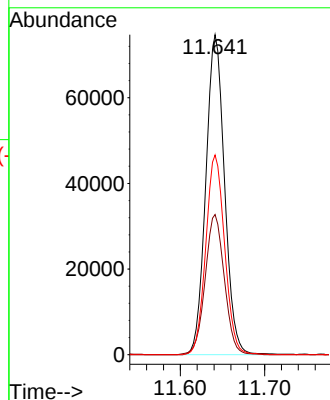
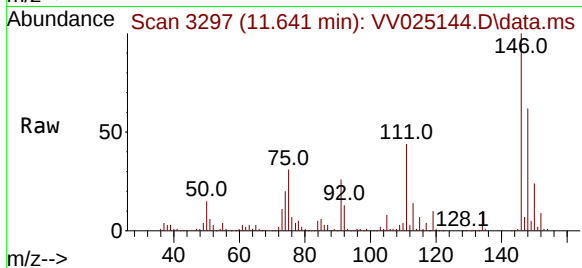
Tgt Ion:146 Resp: 115689

Ion Ratio Lower Upper

146 100

111 43.8 35.5 53.3

148 62.4 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.685 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV025144.D

Acq: 23 Mar 2022 20:14

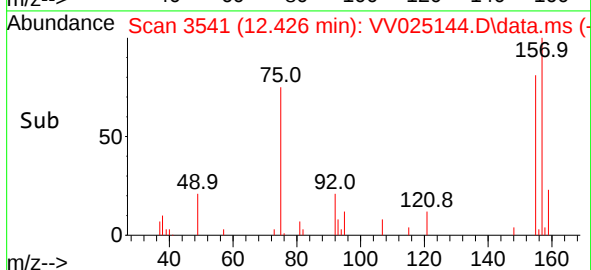
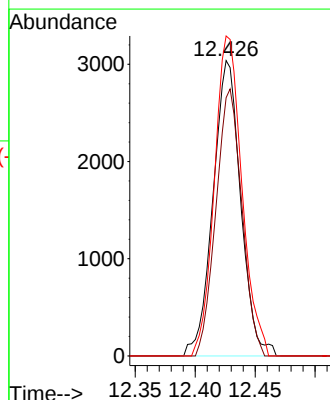
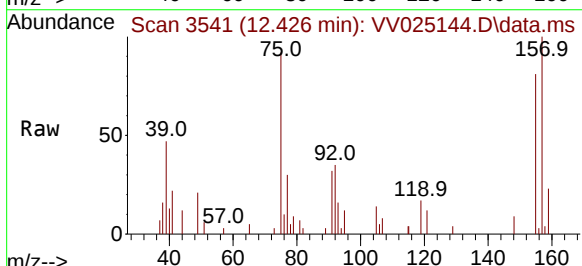
Tgt Ion: 75 Resp: 4873

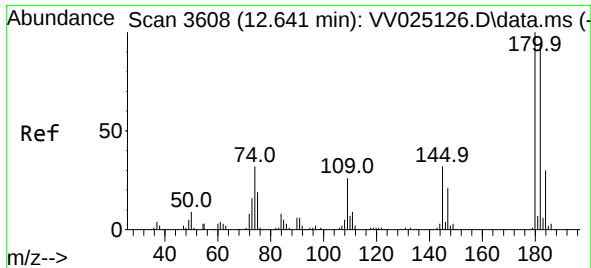
Ion Ratio Lower Upper

75 100

155 87.4 65.9 98.9

157 108.4 89.7 134.5

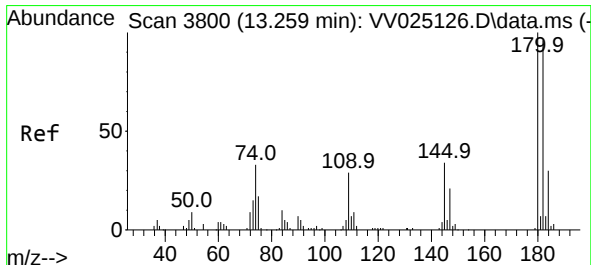
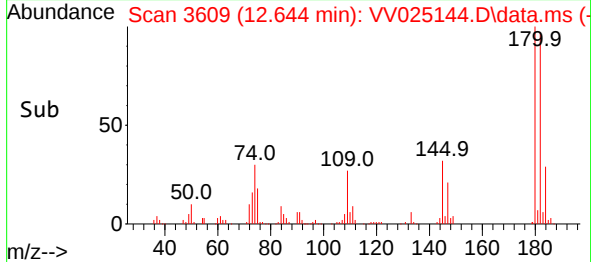
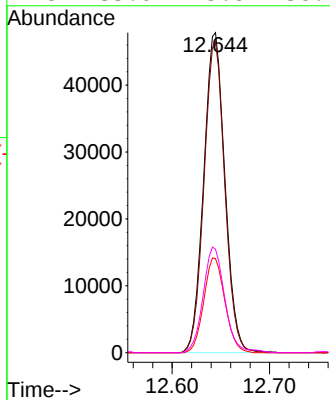
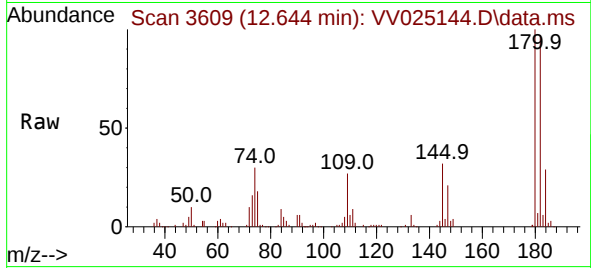




#69
 1,3,5-Trichlorobenzene
 Concen: 5.270 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV025144.D
 Acq: 23 Mar 2022 20:14

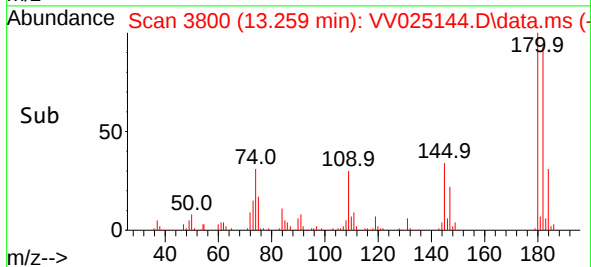
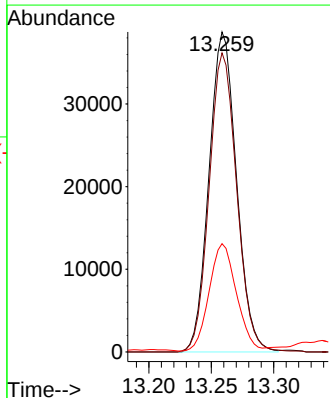
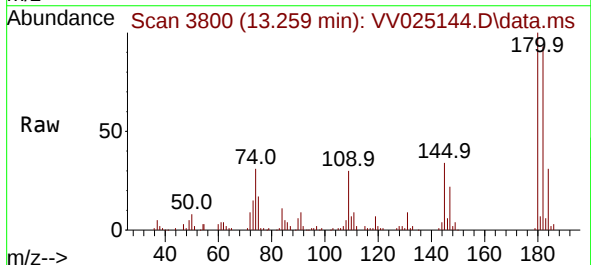
Instrument :
 MSVOA_V
 ClientSampleId :
 EW607MS

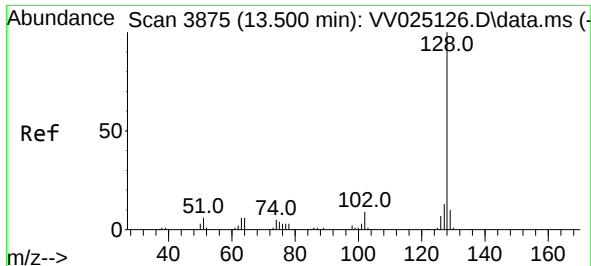
Tgt Ion:180	Resp:	72400
Ion Ratio	Lower	Upper
180	100	
182	95.1	75.4 113.0
184	29.4	24.2 36.4
145	33.6	25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.548 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025144.D
 Acq: 23 Mar 2022 20:14

Tgt Ion:180	Resp:	59388
Ion Ratio	Lower	Upper
180	100	
182	93.8	74.6 112.0
145	33.4	26.1 39.1

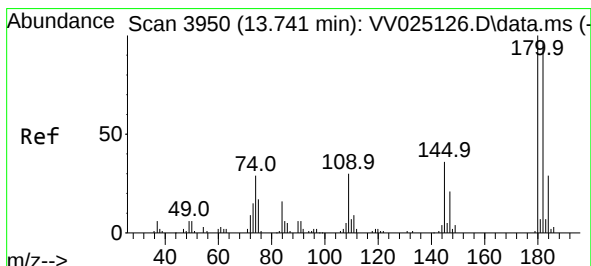
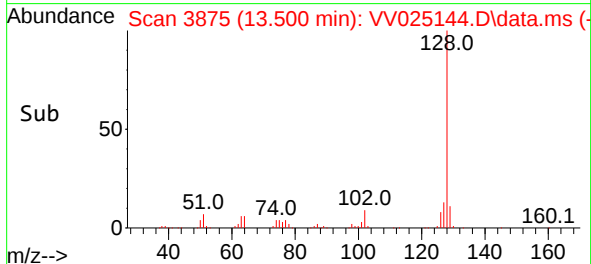
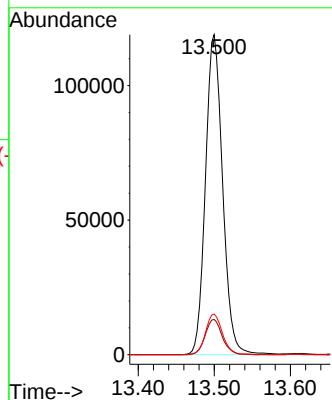
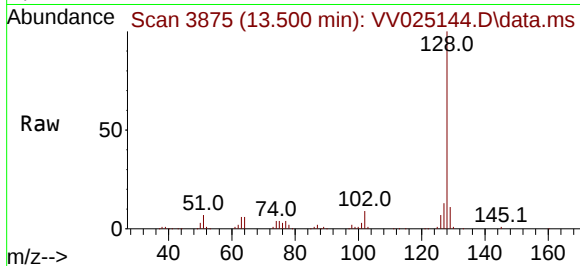




#71
Naphthalene
Concen: 10.500 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

Instrument :
MSVOA_V
ClientSampleId :
EW607MS

Tgt Ion:128 Resp: 186629
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.5 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.314 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025144.D
Acq: 23 Mar 2022 20:14

Tgt Ion:180 Resp: 48198
Ion Ratio Lower Upper
180 100
182 95.1 74.8 112.2
145 39.5 27.6 41.4

