

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024615.D
 Acq On : 11 Feb 2022 19:42
 Operator : SY/MD
 Sample : N1479-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 12 03:46:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 03:41:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121765	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	122326	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	63634	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44394	4.349	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.568	69	43176	5.004	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.111	63	104012	4.659	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.889	46	96228	56.792	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.580%
24) Chloroform-d	4.349	84	89277	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.034	65	41599	5.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.050	84	175916	5.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.069	67	51835	4.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.313	98	159191	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.622	79	20368	4.672	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.085	63	81851	53.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.580%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33381	5.194	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	50357	4.909	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	79378	4.961	ug/L	100
3) Chloromethane	1.243	50	77884	4.947	ug/L	97
5) Vinyl chloride	1.310	62	85665	5.053	ug/L	99
6) Bromomethane	1.523	94	52525	5.032	ug/L	99
8) Chloroethane	1.587	64	58486	5.632	ug/L	96
9) Trichlorofluoromethane	1.754	101	117773	5.140	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	61705	4.830	ug/L #	87
12) 1,1-Dichloroethene	2.121	96	63991	5.076	ug/L	95
13) Acetone	2.179	43	71668	53.597	ug/L	75
14) Carbon disulfide	2.298	76	186450	4.653	ug/L	100
15) Methyl Acetate	2.436	43	17373	4.543	ug/L	98
16) Methylene chloride	2.510	84	59522	4.765	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	130979	5.042	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	61851	4.994	ug/L	94
19) 1,1-Dichloroethane	3.191	63	113002	5.283	ug/L	98
21) 2-Butanone	3.973	43	119638	53.986	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	65389	5.237	ug/L	89
23) Bromochloromethane	4.252	128	24463	5.159	ug/L	85
25) Chloroform	4.378	83	115449	5.156	ug/L	98

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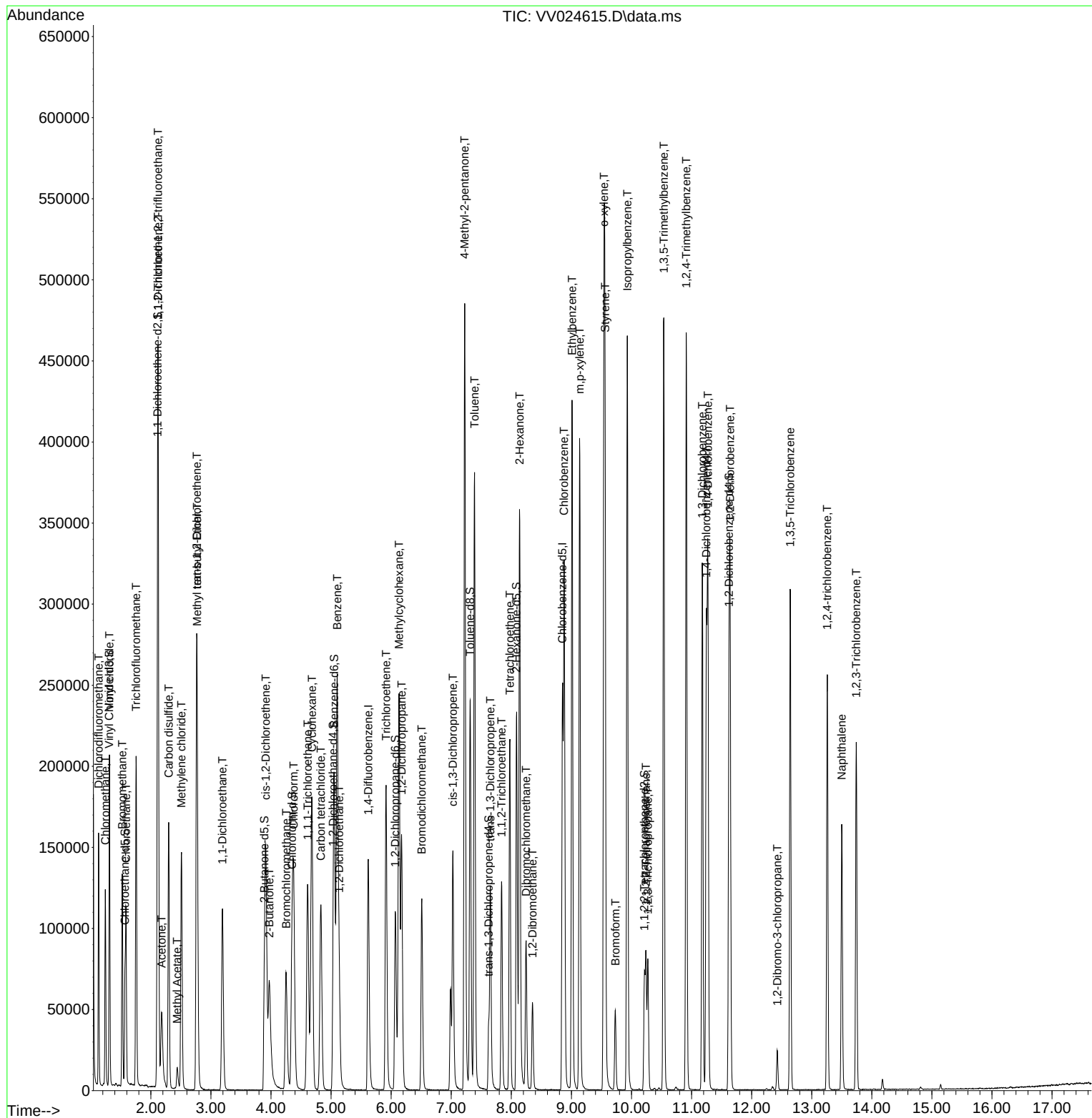
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	64824	5.281	ug/L	96
29) 1,1,1-Trichloroethane	4.609	97	101635	5.064	ug/L	97
30) Cyclohexane	4.680	56	100760	4.874	ug/L	96
31) Carbon tetrachloride	4.831	117	85162	5.011	ug/L	99
33) Benzene	5.101	78	253916	5.319	ug/L	100
34) Trichloroethene	5.915	95	67408	5.128	ug/L	90
35) Methylcyclohexane	6.130	83	105987	4.873	ug/L	97
37) 1,2-Dichloropropane	6.175	63	59311	5.126	ug/L	98
38) Bromodichloromethane	6.510	83	78100	5.078	ug/L #	99
39) cis-1,3-Dichloropropene	7.027	75	88236	5.004	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	311025	52.084	ug/L	99
42) Toluene	7.387	91	270220	5.196	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	71478	4.907	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	39204	5.228	ug/L	98
47) Tetrachloroethene	7.976	164	43447	4.982	ug/L	90
48) 2-Hexanone	8.136	43	218209	53.382	ug/L	98
49) Dibromochloromethane	8.246	129	45657	5.042	ug/L	98
50) 1,2-Dibromoethane	8.352	107	36401	5.172	ug/L #	97
51) Chlorobenzene	8.879	112	164069	5.148	ug/L	92
52) Ethylbenzene	9.011	91	295948	5.114	ug/L	99
53) m,p-xylene	9.136	106	111867	5.104	ug/L	96
54) o-xylene	9.542	106	109419	5.177	ug/L	93
55) Styrene	9.561	104	176772	5.095	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	40654	5.352	ug/L	96
59) Bromoform	9.731	173	20028	4.926	ug/L #	95
60) Isopropylbenzene	9.931	105	295489	5.120	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	32197	5.132	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	250148	5.061	ug/L	97
63) 1,2,4-Trimethylbenzene	10.911	105	250689	5.102	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	118792	5.056	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	118171	5.064	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	105054	5.037	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	6333	5.197	ug/L #	68
69) 1,3,5-Trichlorobenzene	12.644	180	80729	4.830	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	67429	4.996	ug/L	97
71) Naphthalene	13.500	128	121149	4.956	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	56890	5.012	ug/L	96

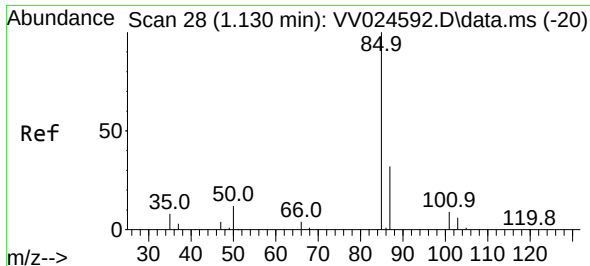
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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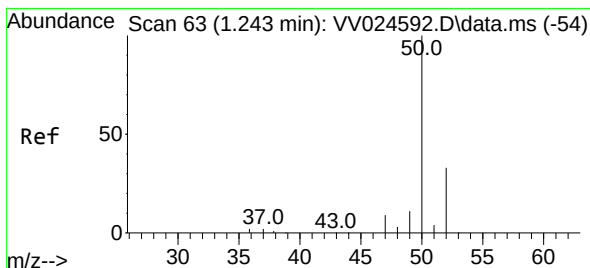
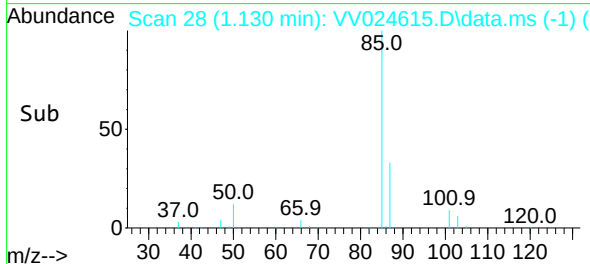
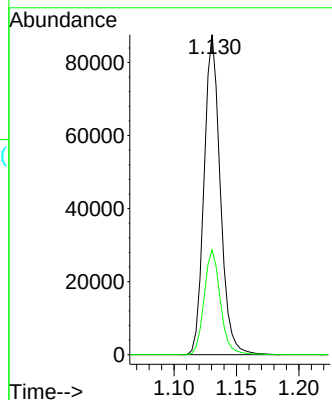
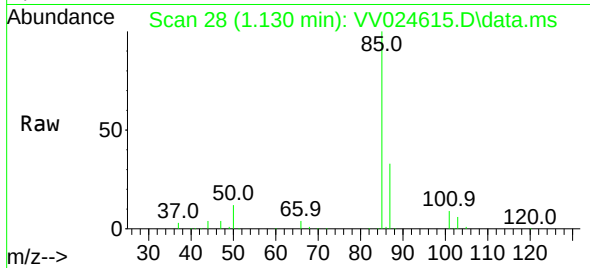




#2
 Dichlorodifluoromethane
 Concen: 4.961 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024615.D
 Acq: 11 Feb 2022 19:42

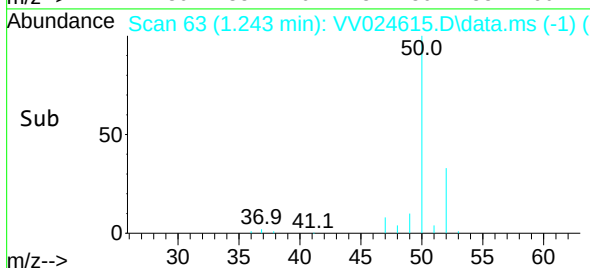
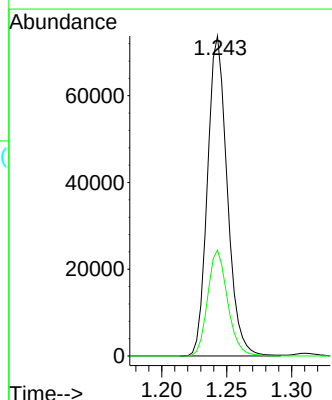
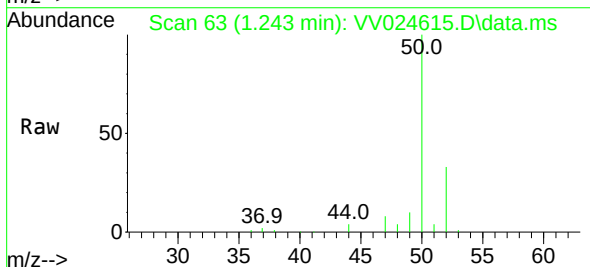
Instrument :
 MSVOA_V
 ClientSampleId :

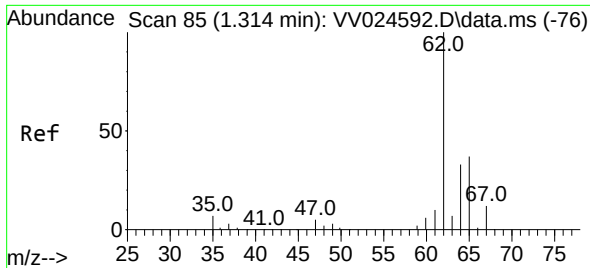
Tgt Ion: 85 Resp: 79378
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 4.947 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024615.D
 Acq: 11 Feb 2022 19:42

Tgt Ion: 50 Resp: 77884
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.0 41.0

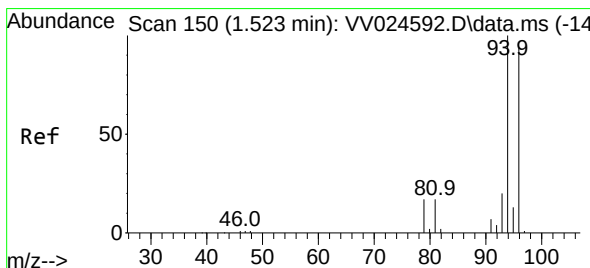
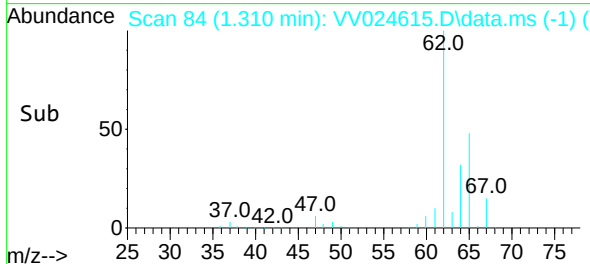
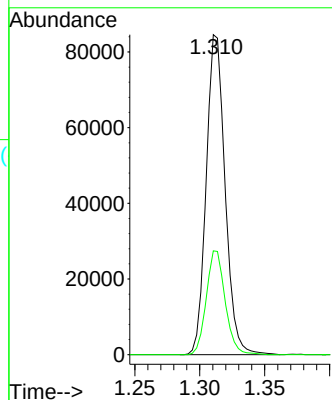
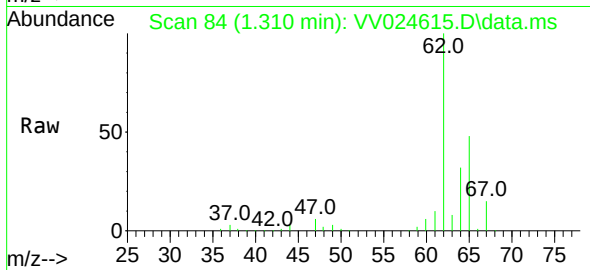




#5
 Vinyl chloride
 Concen: 5.053 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024615.D
 Acq: 11 Feb 2022 19:42

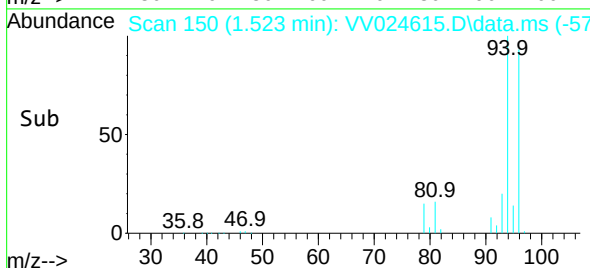
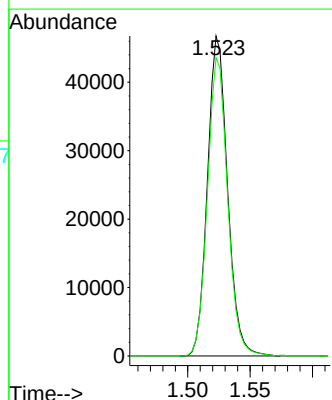
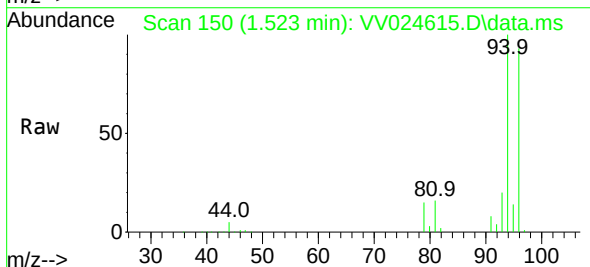
Instrument :
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 ClientSampleId :

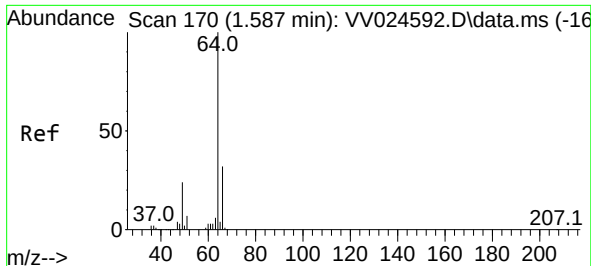
Tgt Ion: 62 Resp: 85665
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.4 41.6



#6
 Bromomethane
 Concen: 5.032 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024615.D
 Acq: 11 Feb 2022 19:42

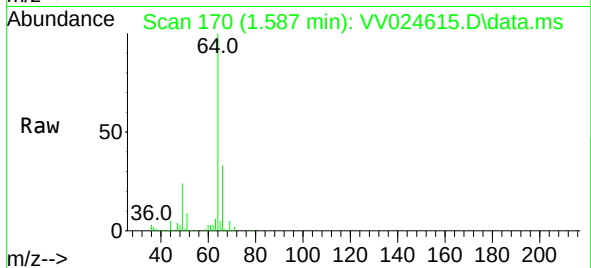
Tgt Ion: 94 Resp: 52525
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.2 123.0



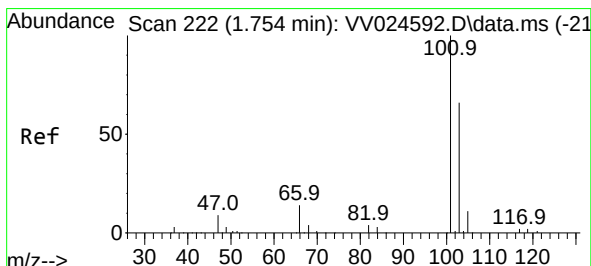
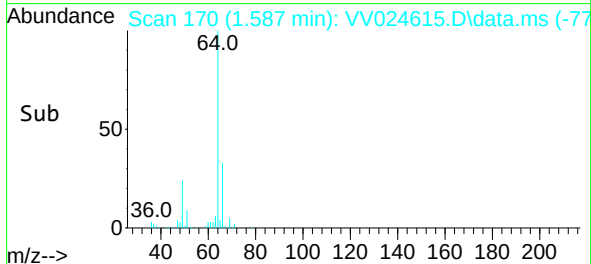
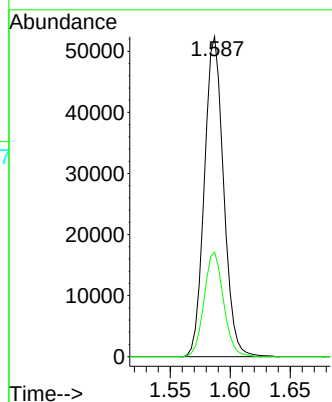


#8
Chloroethane
Concen: 5.632 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

Instrument :
MSVOA_V
ClientSampleId :

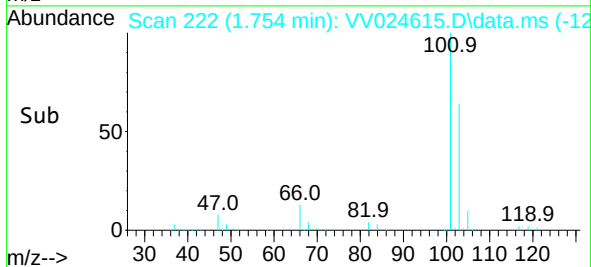
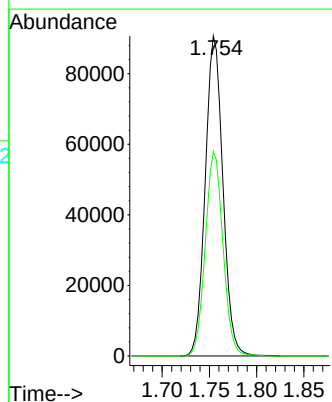
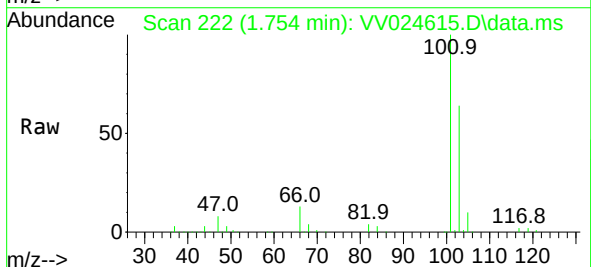


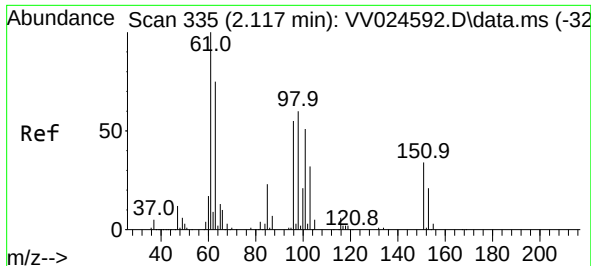
Tgt Ion: 64 Resp: 58486
Ion Ratio Lower Upper
64 100
66 32.7 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.140 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

Tgt Ion: 101 Resp: 117773
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4





#10

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

Concen: 4.830 ug/L

RT: 2.121 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

Instrument :

MSVOA_V

ClientSampleId :

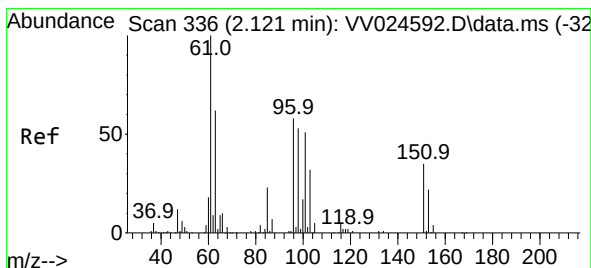
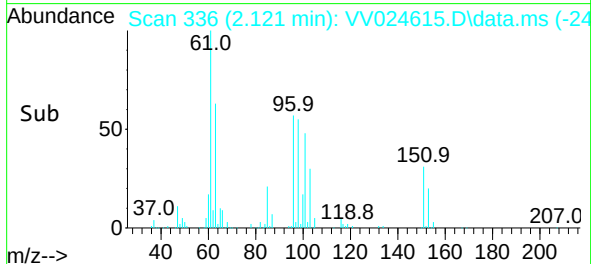
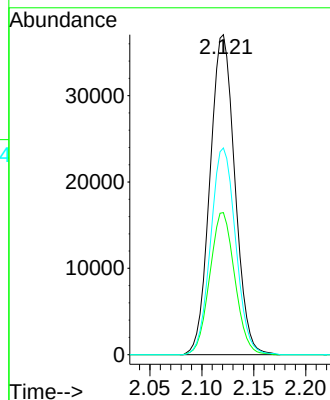
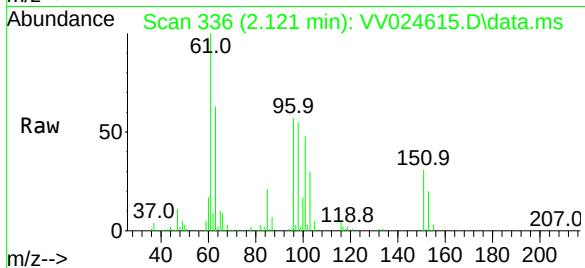
Tgt Ion:101 Resp: 61705

Ion Ratio Lower Upper

101 100

85 44.7 36.0 54.0

151 65.2 66.4 99.6#



#12

1,1-Dichloroethene

Concen: 5.076 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

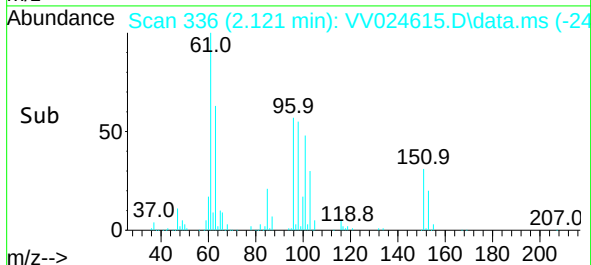
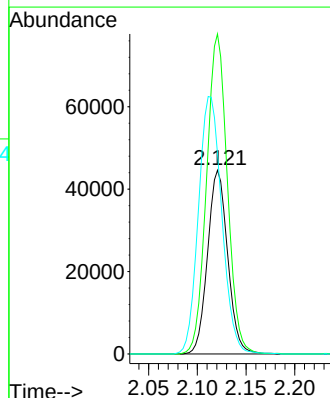
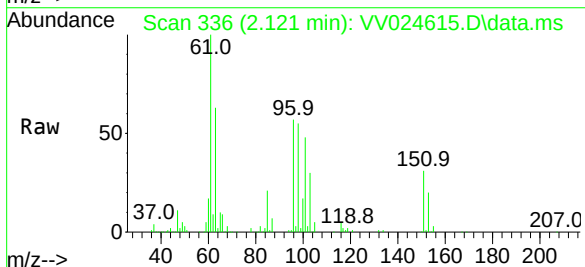
Tgt Ion: 96 Resp: 63991

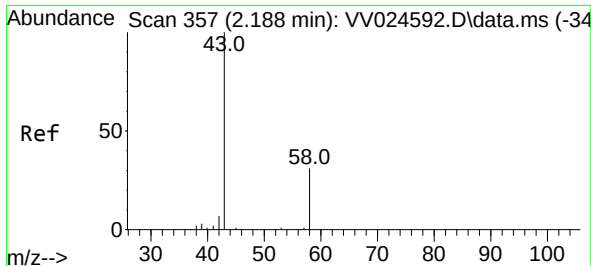
Ion Ratio Lower Upper

96 100

61 174.2 116.1 215.5

63 109.3 79.4 147.4





#13

Acetone

Concen: 53.597 ug/L

RT: 2.179 min Scan# 3

Delta R.T. -0.010 min

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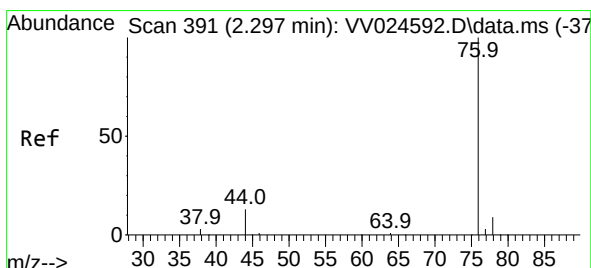
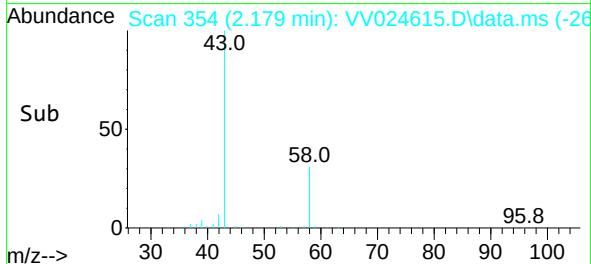
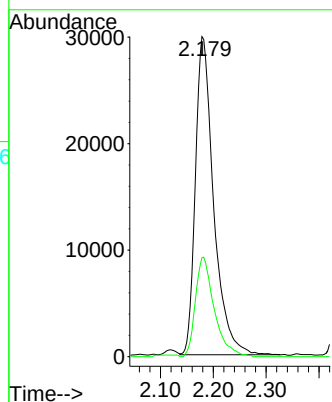
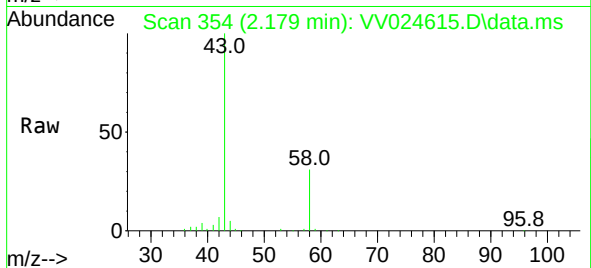
ClientSampleId :

Tgt Ion: 43 Resp: 71668

Ion Ratio Lower Upper

43 100

58 32.3 0.0 41.4



#14

Carbon disulfide

Concen: 4.653 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

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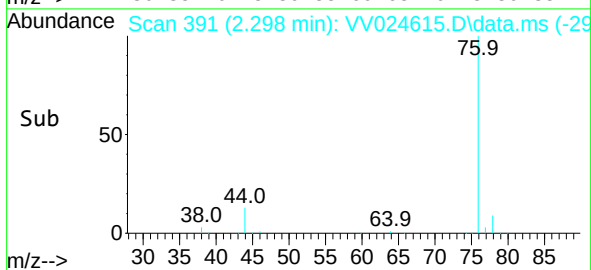
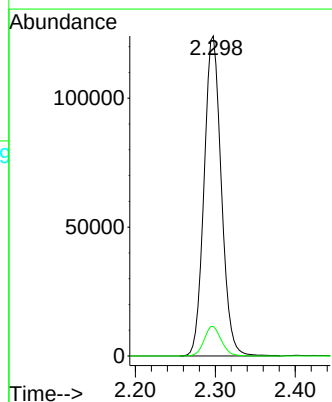
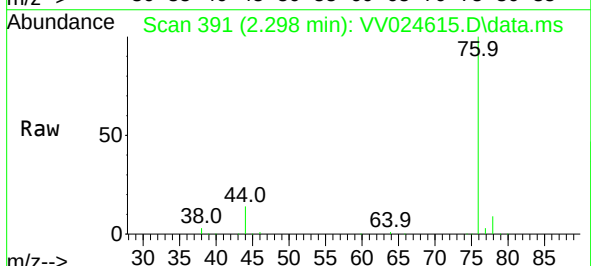
Acq: 11 Feb 2022 19:42

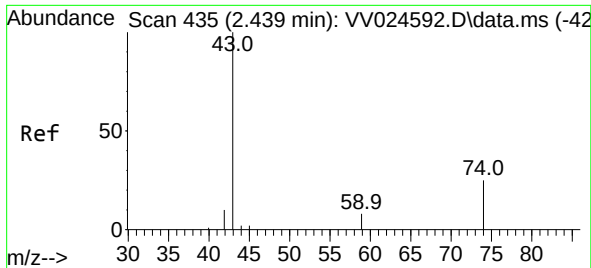
Tgt Ion: 76 Resp: 186450

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

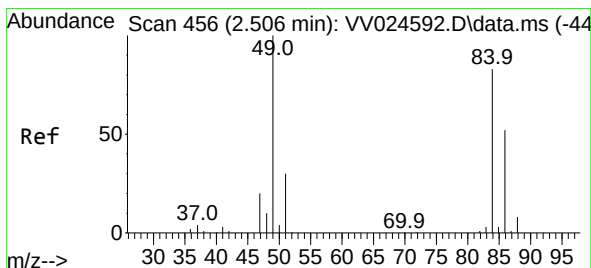
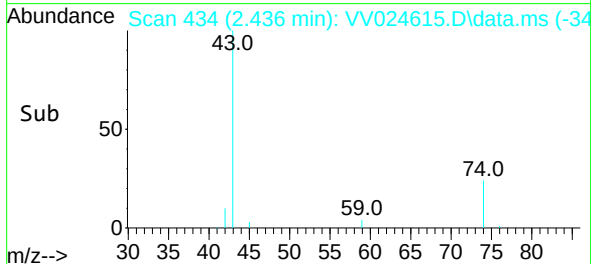
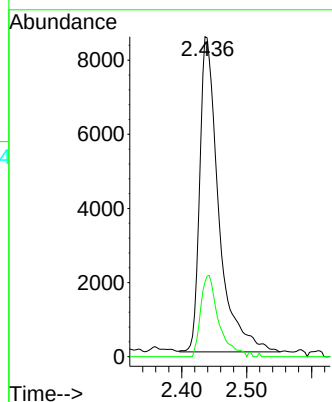
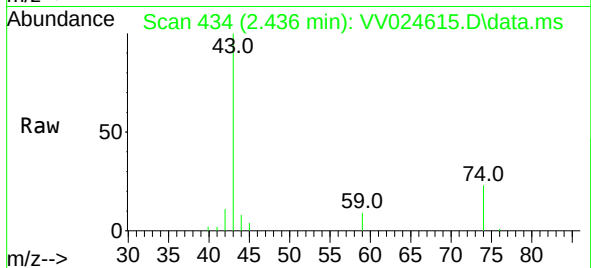




#15
Methyl Acetate
Concen: 4.543 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

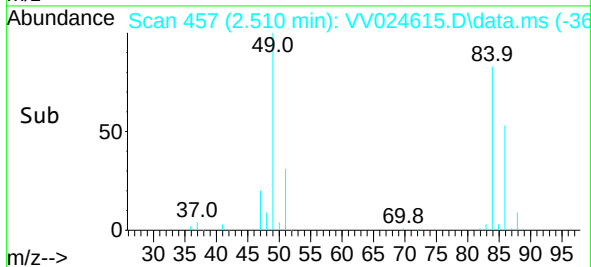
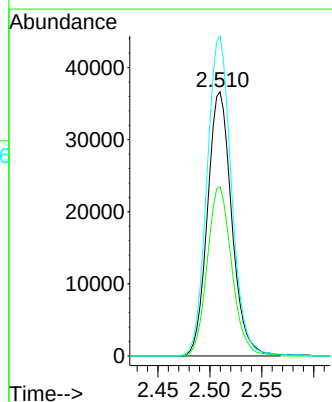
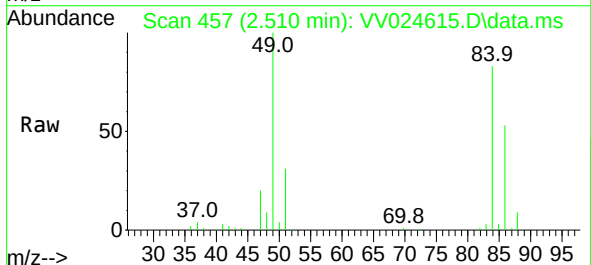
Instrument :
MSVOA_V
ClientSampleId :

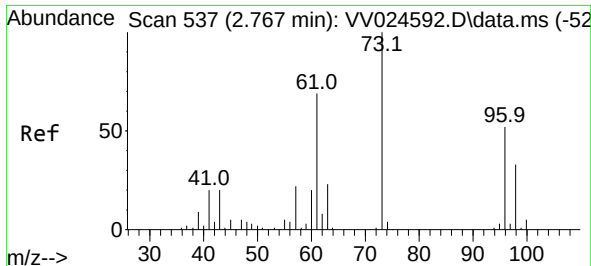
Tgt Ion: 43 Resp: 17373
Ion Ratio Lower Upper
43 100
74 24.1 20.2 30.2



#16
Methylene chloride
Concen: 4.765 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

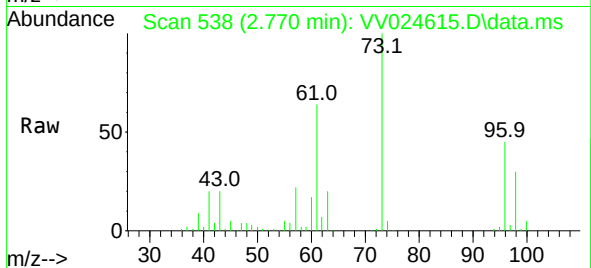
Tgt Ion: 84 Resp: 59522
Ion Ratio Lower Upper
84 100
86 64.1 42.6 79.0
49 121.2 79.7 147.9



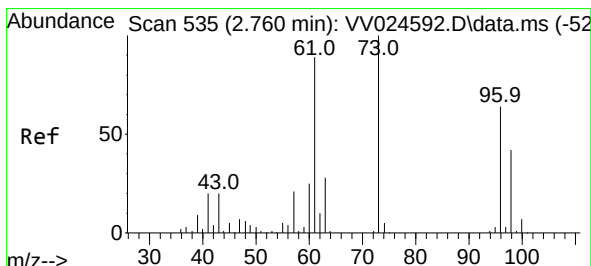
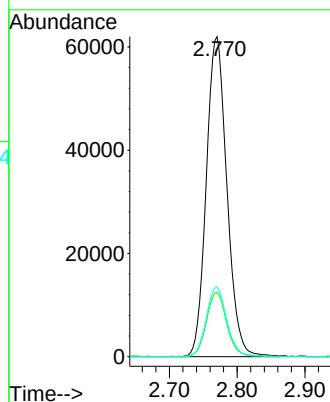
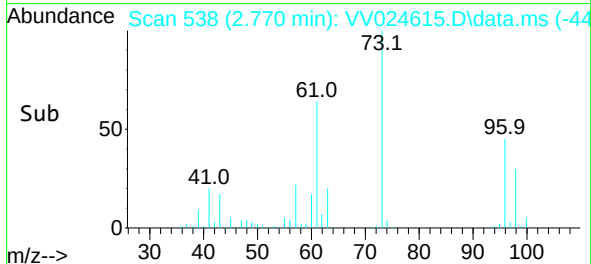


#17
Methyl tert-butyl Ether
Concen: 5.042 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

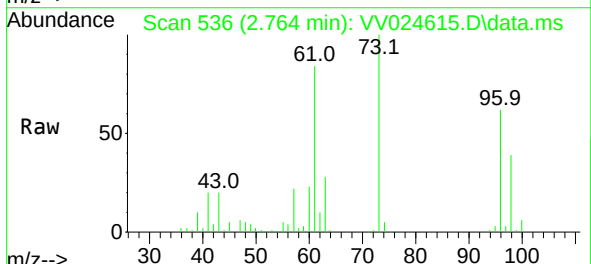
Instrument :
MSVOA_V
ClientSampleId :



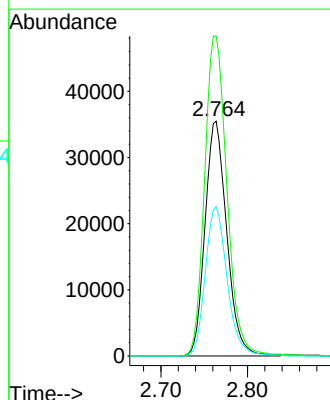
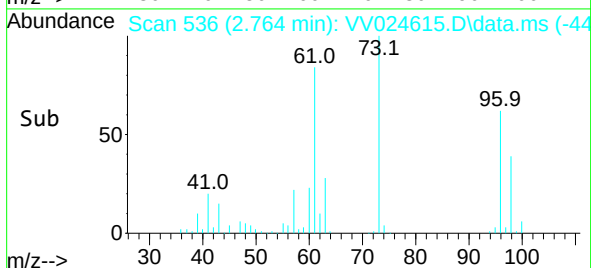
Tgt Ion: 73 Resp: 130979
Ion Ratio Lower Upper
73 100
43 20.0 15.5 23.3
57 21.7 17.1 25.7

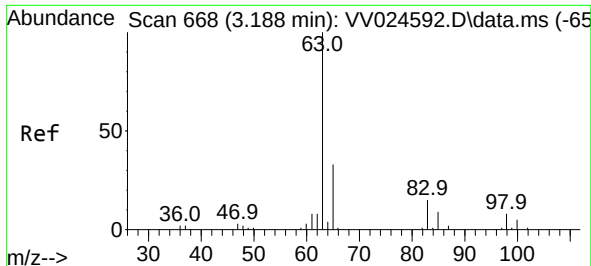


#18
trans-1,2-Dichloroethene
Concen: 4.994 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42



Tgt Ion: 96 Resp: 61851
Ion Ratio Lower Upper
96 100
61 136.3 88.2 163.8
98 63.6 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.283 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

Instrument :

MSVOA_V

ClientSampleId :

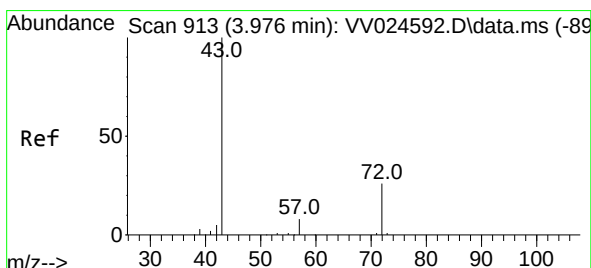
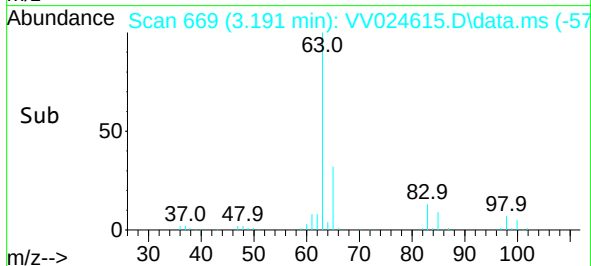
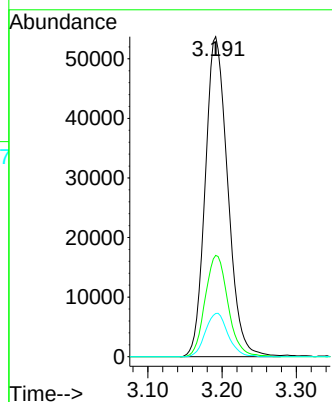
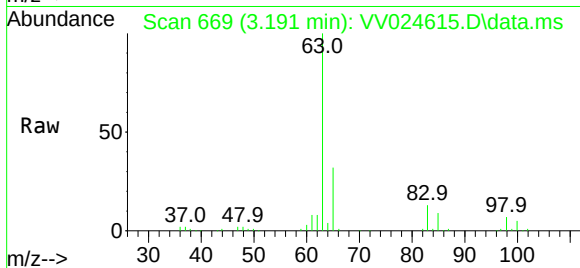
Tgt Ion: 63 Resp: 113002

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.3

83 13.5 10.7 19.9



#21

2-Butanone

Concen: 53.986 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.003 min

Lab File: VV024615.D

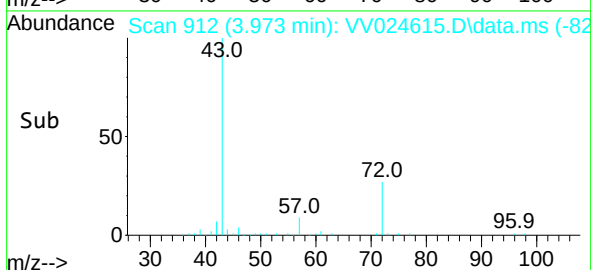
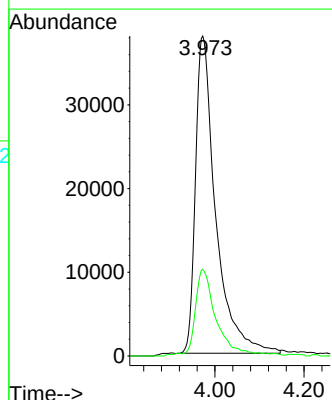
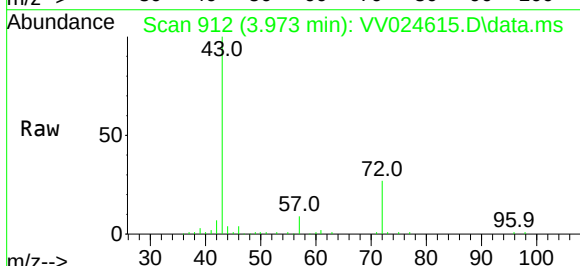
Acq: 11 Feb 2022 19:42

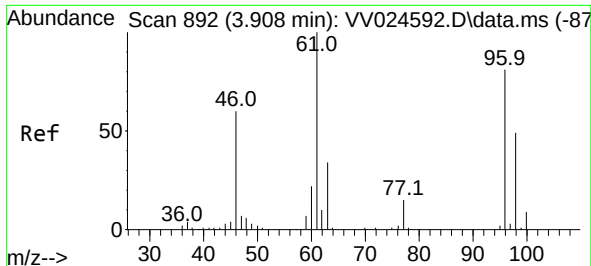
Tgt Ion: 43 Resp: 119638

Ion Ratio Lower Upper

43 100

72 26.1 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 5.237 ug/L

RT: 3.912 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

Instrument :

MSVOA_V

ClientSampleId :

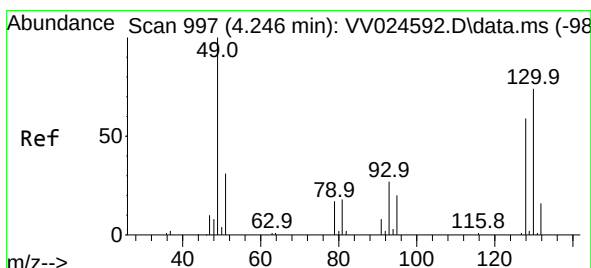
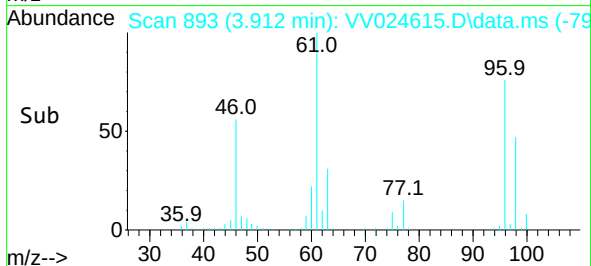
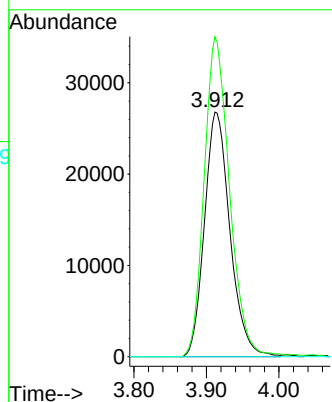
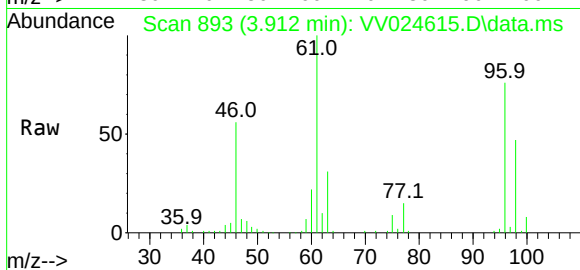
Tgt Ion: 96 Resp: 65389

Ion Ratio Lower Upper

96 100

61 130.8 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.159 ug/L

RT: 4.252 min Scan# 999

Delta R.T. 0.007 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

Tgt Ion: 128 Resp: 24463

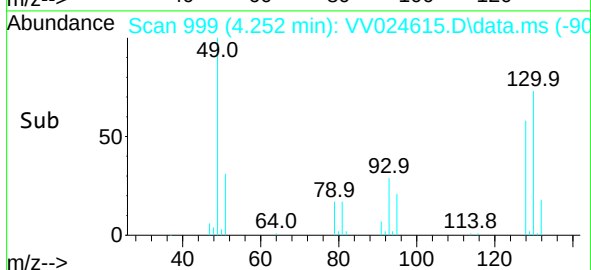
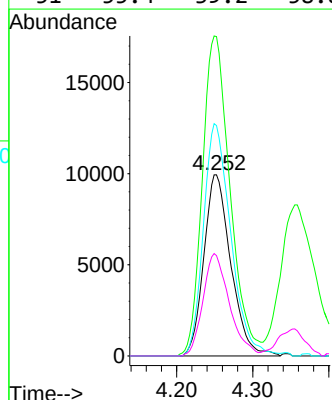
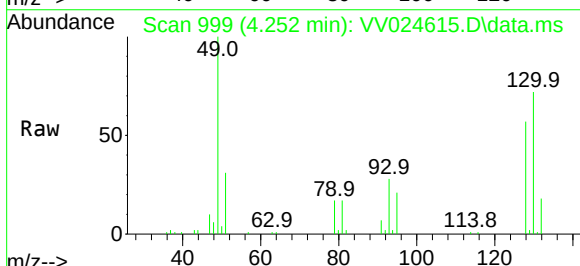
Ion Ratio Lower Upper

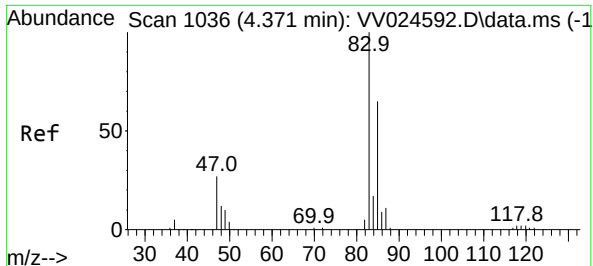
128 100

49 176.4 100.2 186.2

130 127.2 92.5 171.7

51 55.4 39.2 58.8





#25

Chloroform

Concen: 5.156 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

Instrument :

MSVOA_V

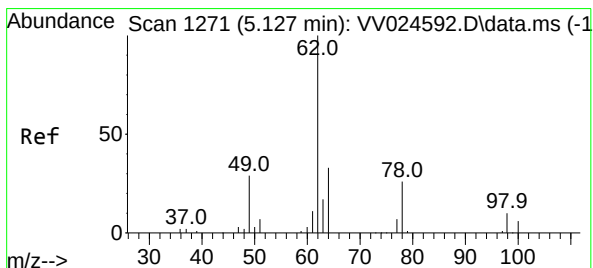
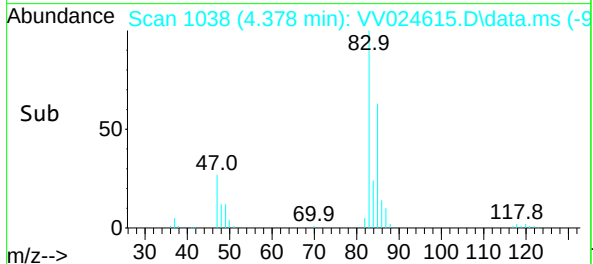
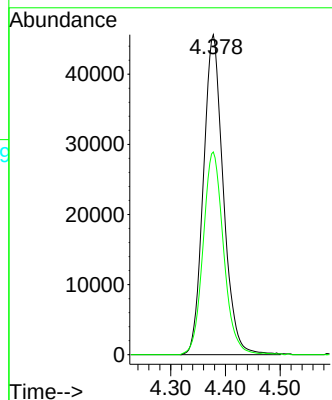
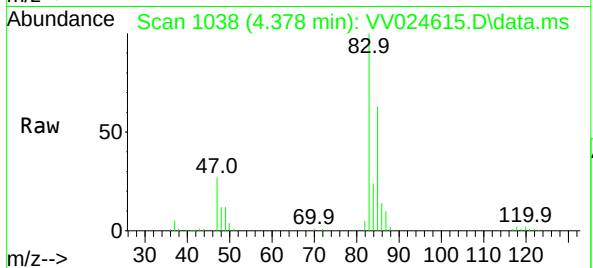
ClientSampleId :

Tgt Ion: 83 Resp: 115449

Ion Ratio Lower Upper

83 100

85 63.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.281 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.007 min

Lab File: VV024615.D

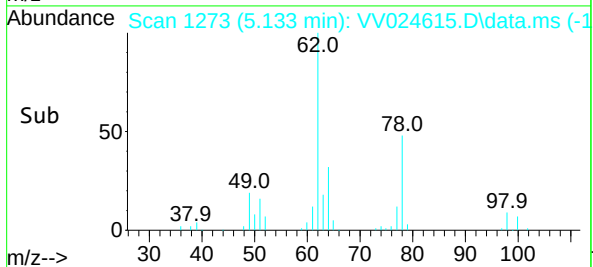
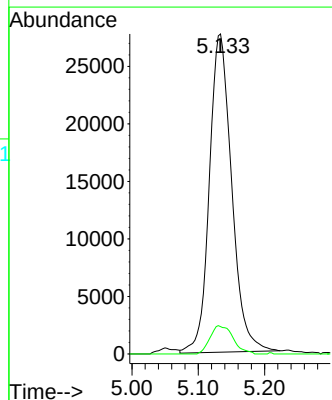
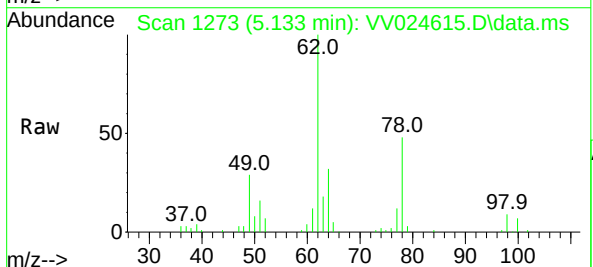
Acq: 11 Feb 2022 19:42

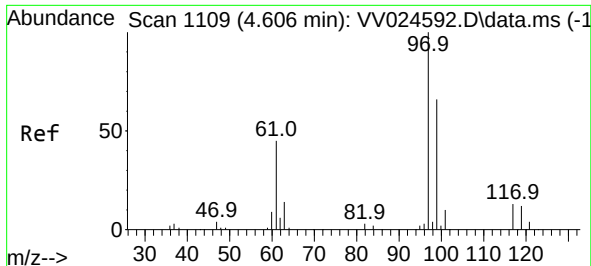
Tgt Ion: 62 Resp: 64824

Ion Ratio Lower Upper

62 100

98 8.5 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.064 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

Instrument :

MSVOA_V

ClientSampleId :

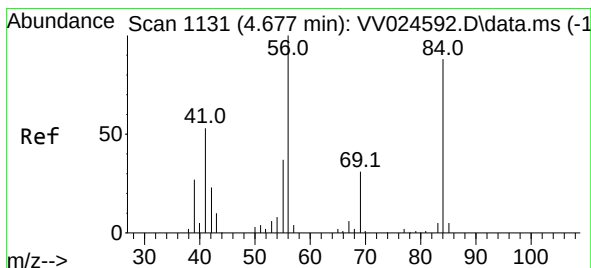
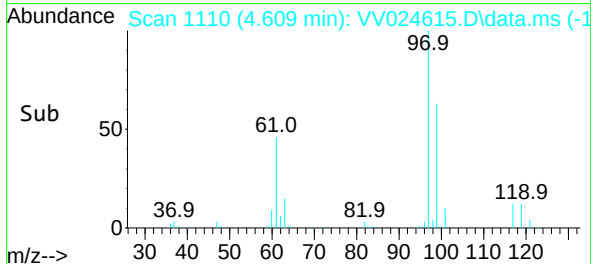
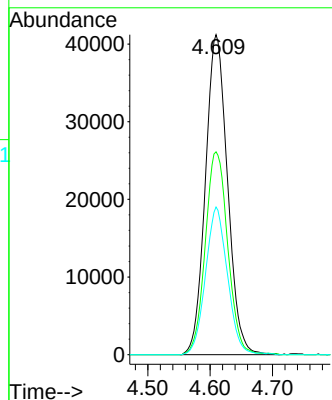
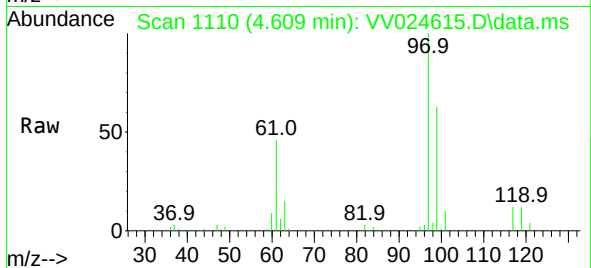
Tgt Ion: 97 Resp: 101635

Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

61 45.6 33.2 49.8



#30

Cyclohexane

Concen: 4.874 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

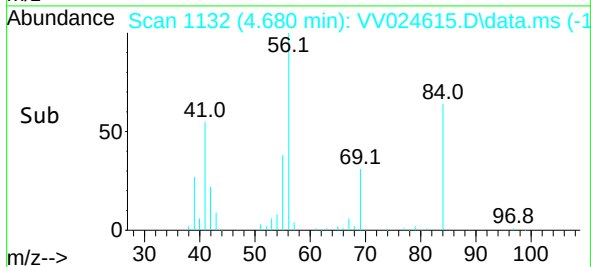
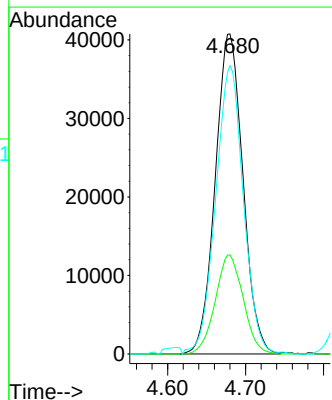
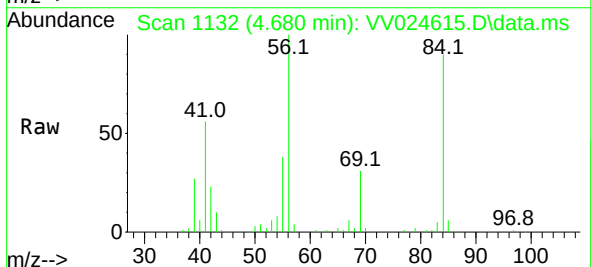
Tgt Ion: 56 Resp: 100760

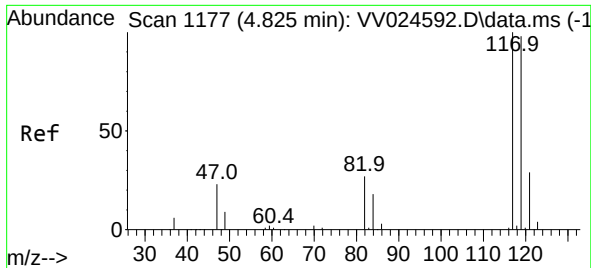
Ion Ratio Lower Upper

56 100

69 31.1 24.8 37.2

84 90.4 75.9 113.9

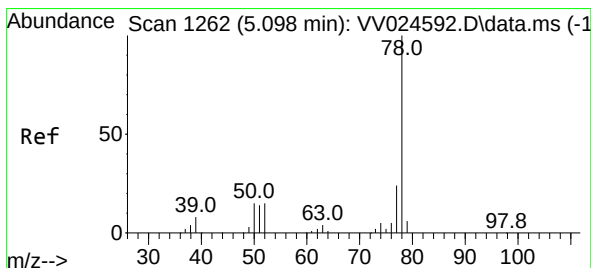
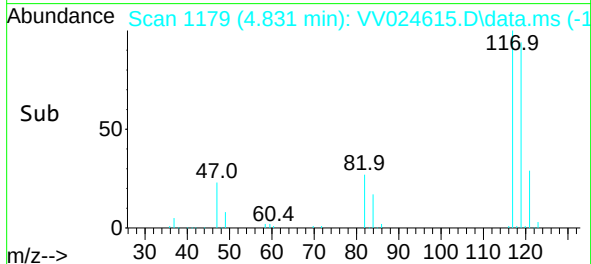
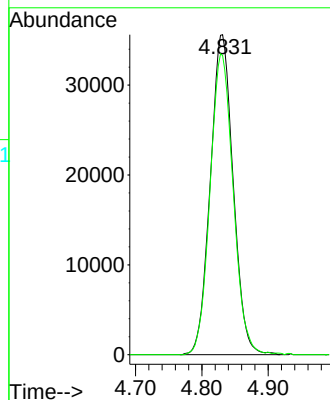
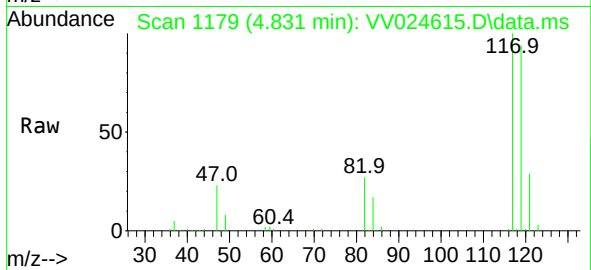




#31
Carbon tetrachloride
Concen: 5.011 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.007 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

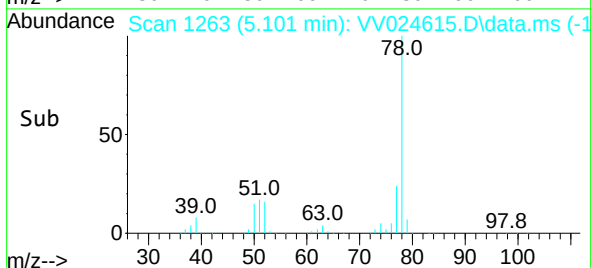
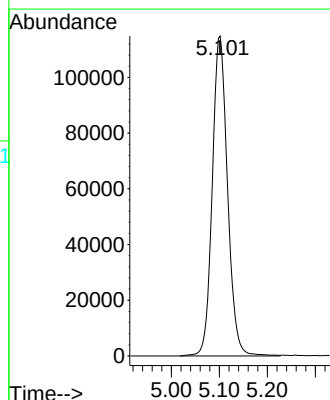
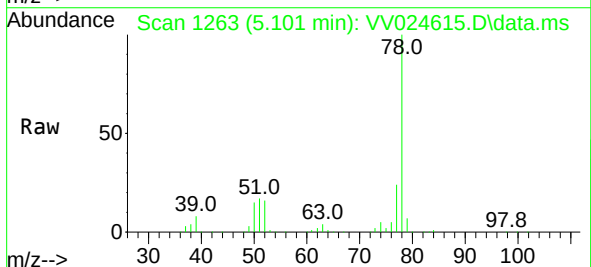
Instrument :
MSVOA_V
ClientSampleId :

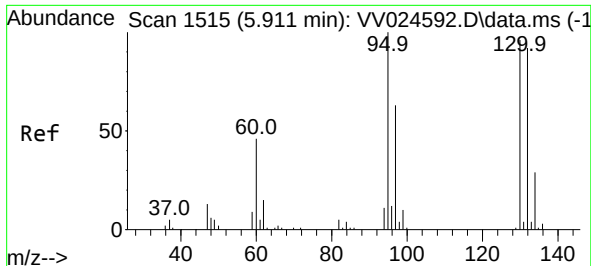
Tgt Ion:117 Resp: 85162
Ion Ratio Lower Upper
117 100
119 94.9 76.6 114.8



#33
Benzene
Concen: 5.319 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

Tgt Ion: 78 Resp: 253916

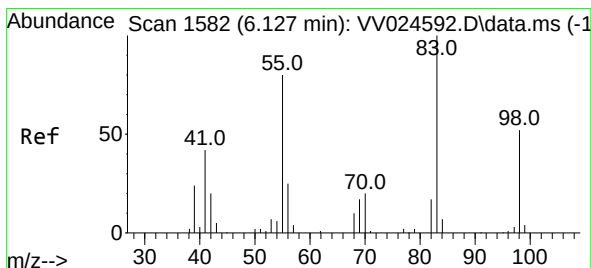
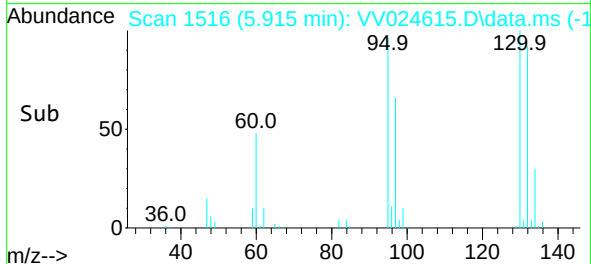
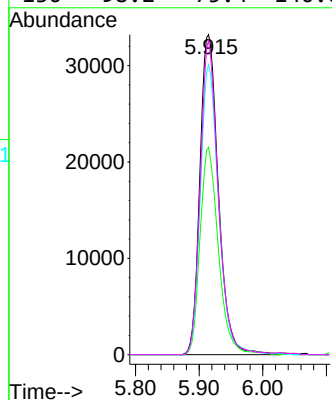
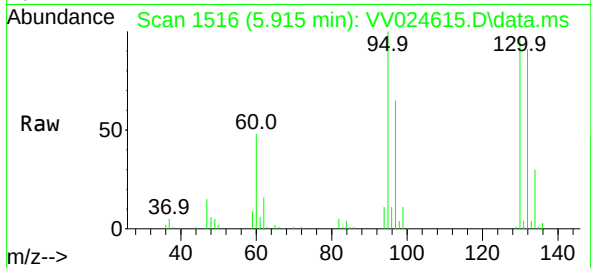




#34
Trichloroethene
Concen: 5.128 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

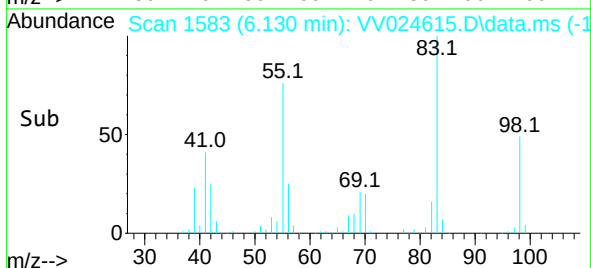
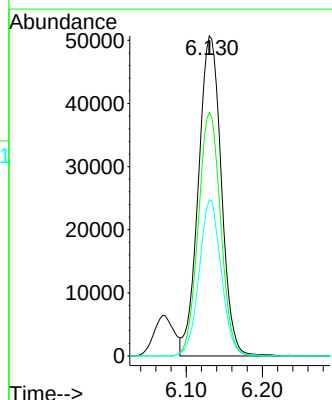
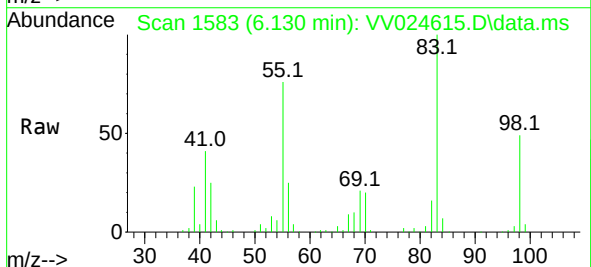
Instrument :
MSVOA_V
ClientSampleId :

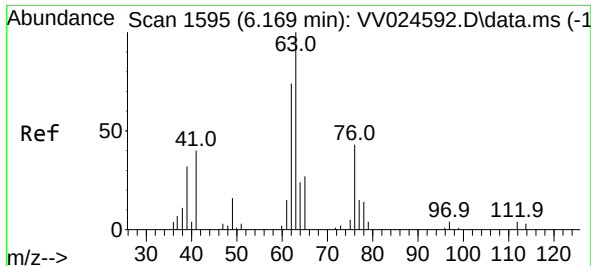
Tgt Ion: 95 Resp: 67408
Ion Ratio Lower Upper
95 100
97 64.8 45.2 84.0
132 90.6 76.1 141.3
130 98.2 75.4 140.0



#35
Methylcyclohexane
Concen: 4.873 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

Tgt Ion: 83 Resp: 105987
Ion Ratio Lower Upper
83 100
55 74.2 60.2 90.2
98 47.0 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.126 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

Instrument :

MSVOA_V

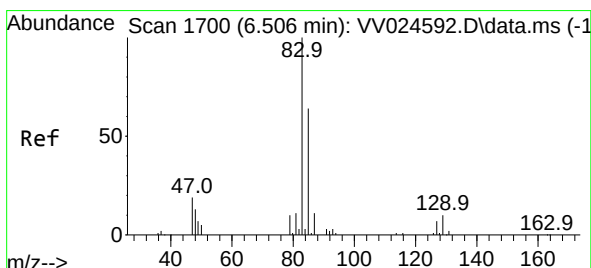
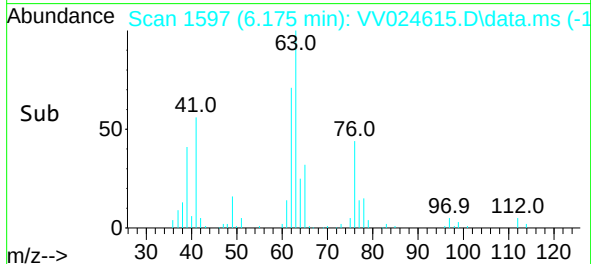
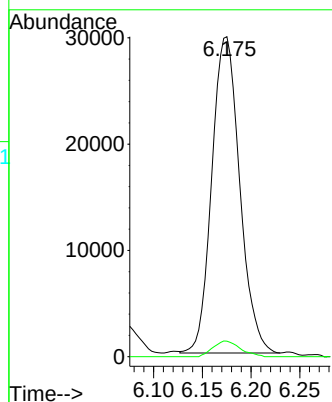
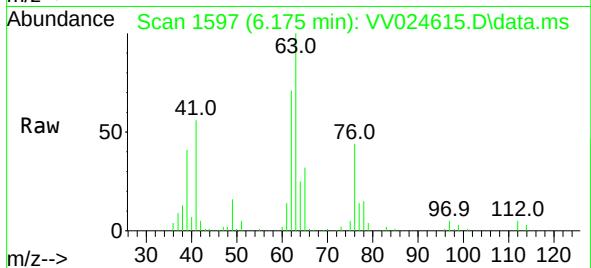
ClientSampleId :

Tgt Ion: 63 Resp: 59311

Ion Ratio Lower Upper

63 100

112 4.8 4.3 6.5



#38

Bromodichloromethane

Concen: 5.078 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

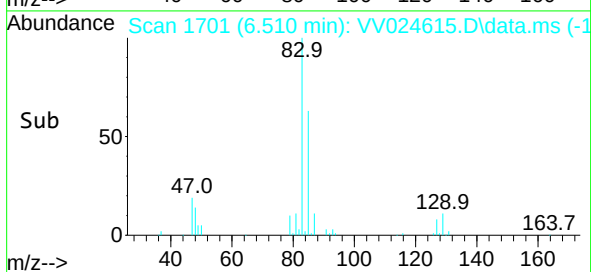
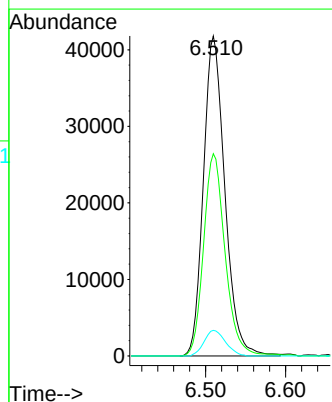
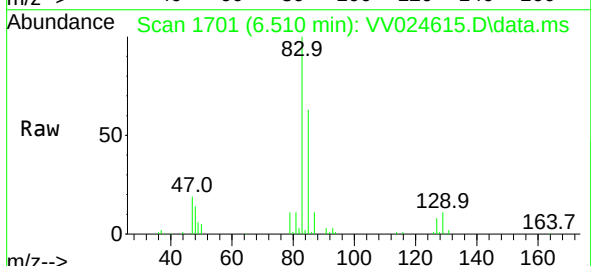
Tgt Ion: 83 Resp: 78100

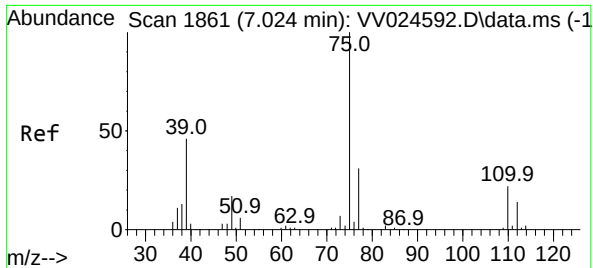
Ion Ratio Lower Upper

83 100

85 63.2 44.0 81.8

127 8.0 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 5.004 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

Instrument :

MSVOA_V

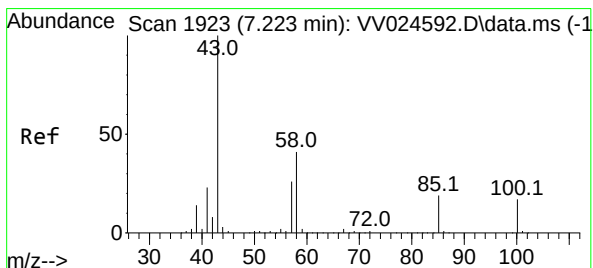
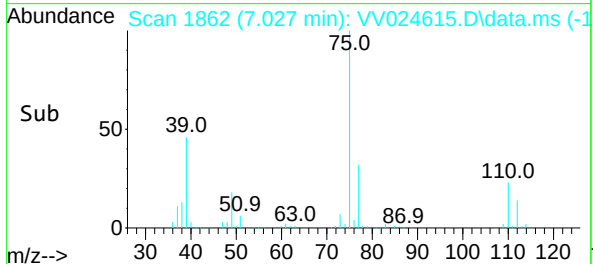
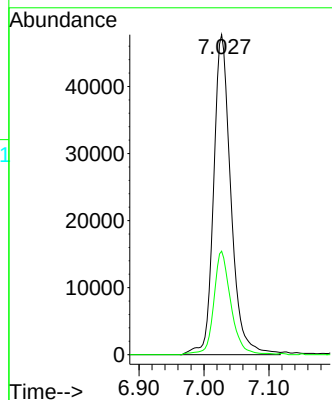
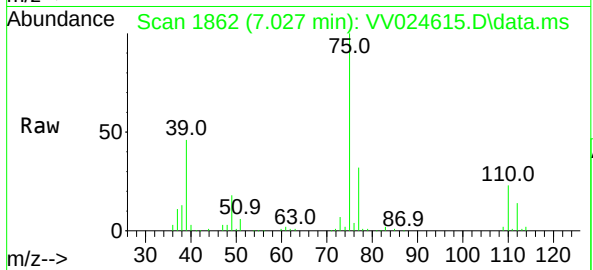
ClientSampleId :

Tgt Ion: 75 Resp: 88236

Ion Ratio Lower Upper

75 100

77 32.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 52.084 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

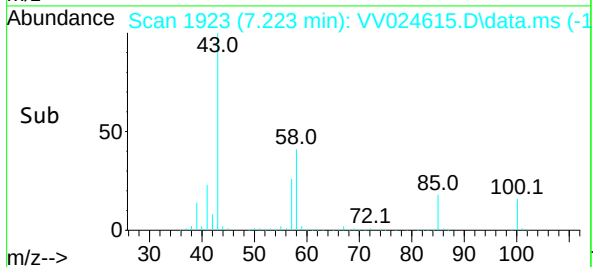
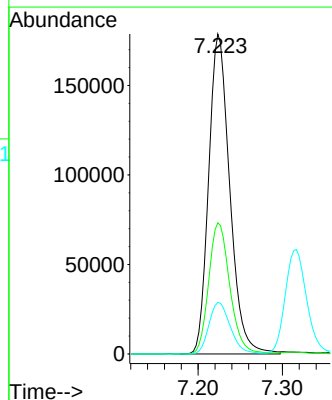
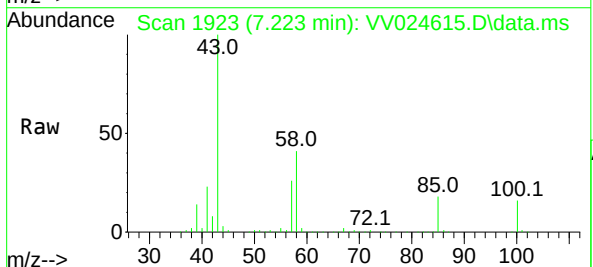
Tgt Ion: 43 Resp: 311025

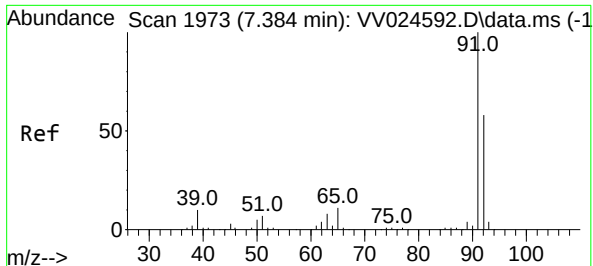
Ion Ratio Lower Upper

43 100

58 41.1 32.3 48.5

100 16.4 13.0 19.6





#42

Toluene

Concen: 5.196 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

Instrument :

MSVOA_V

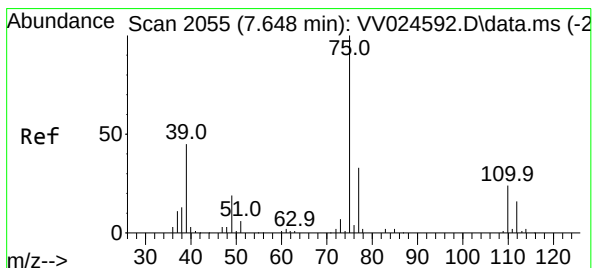
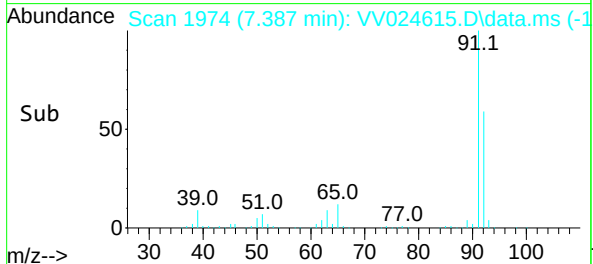
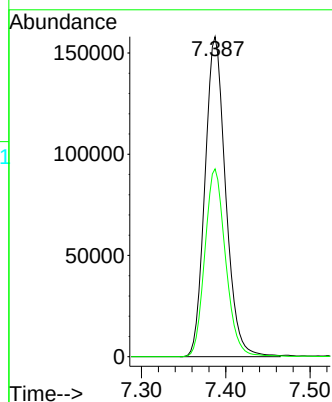
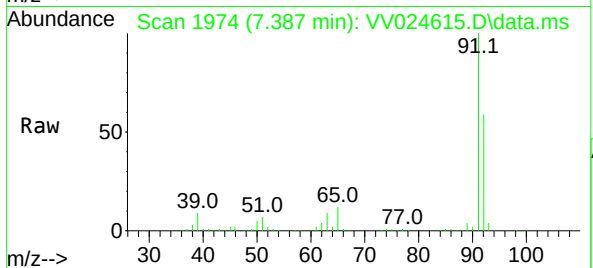
ClientSampleId :

Tgt Ion: 91 Resp: 270220

Ion Ratio Lower Upper

91 100

92 58.7 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.907 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV024615.D

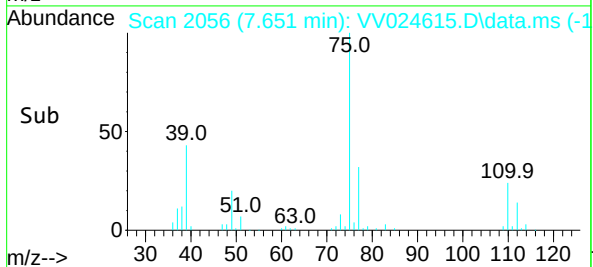
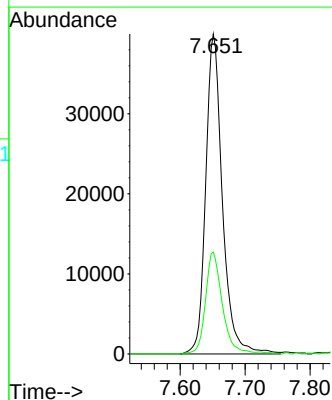
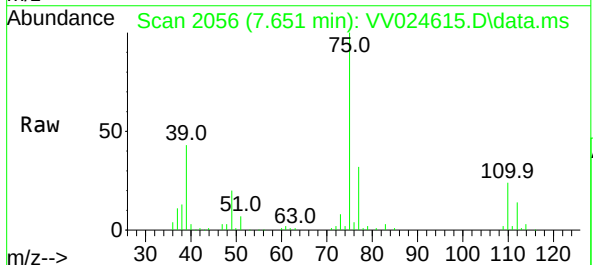
Acq: 11 Feb 2022 19:42

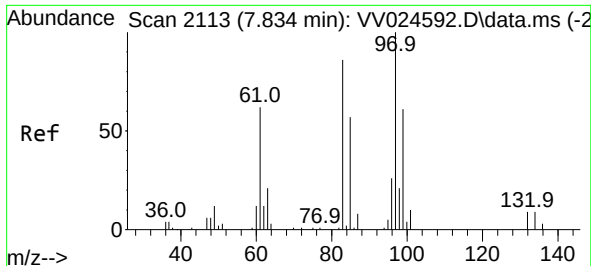
Tgt Ion: 75 Resp: 71478

Ion Ratio Lower Upper

75 100

77 31.9 21.8 40.4

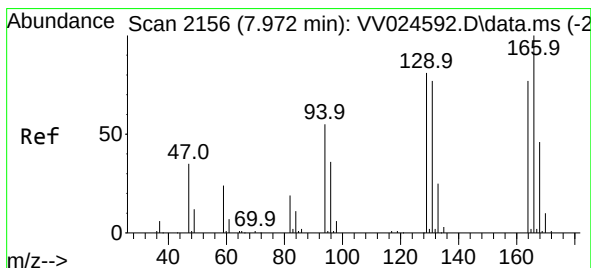
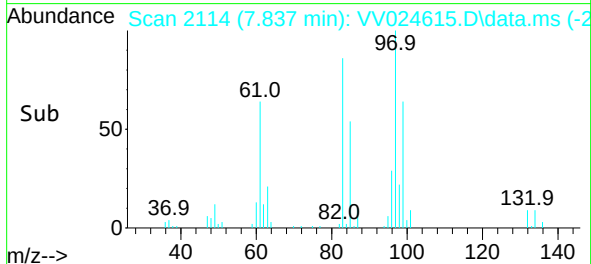
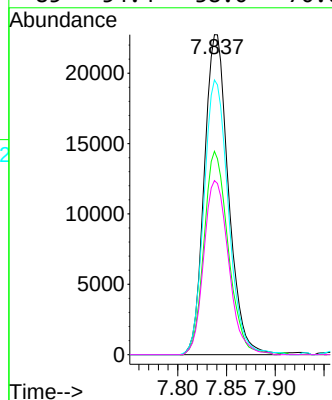
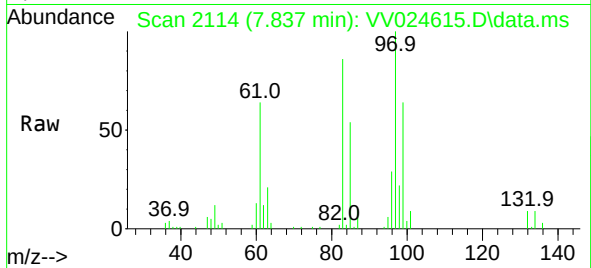




#45
1,1,2-Trichloroethane
Concen: 5.228 ug/L
RT: 7.837 min Scan# 2113
Delta R.T. 0.003 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

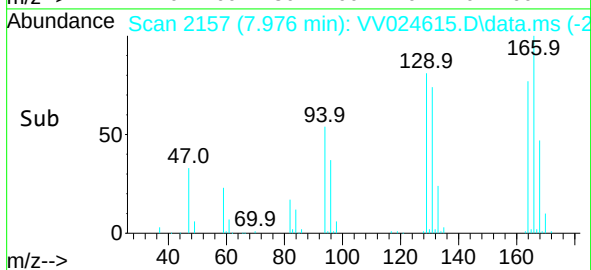
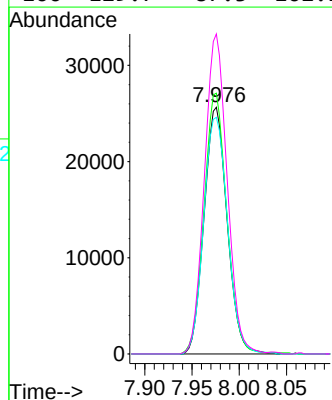
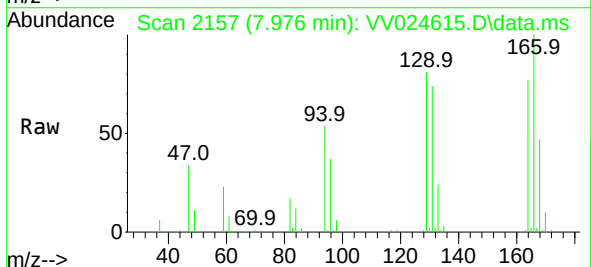
Instrument :
MSVOA_V
ClientSampleId :

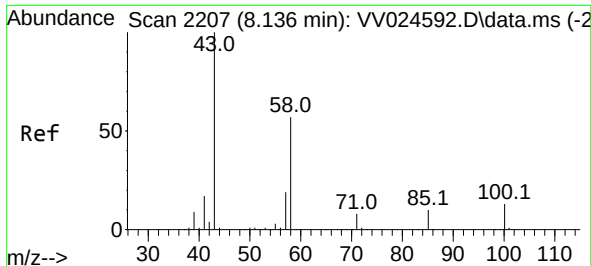
Tgt Ion: 97 Resp: 39204
Ion Ratio Lower Upper
97 100
99 63.5 43.1 80.1
83 85.9 57.9 107.5
85 54.4 38.0 70.6



#47
Tetrachloroethene
Concen: 4.982 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

Tgt Ion:164 Resp: 43447
Ion Ratio Lower Upper
164 100
129 105.7 62.6 116.2
131 95.9 61.0 113.4
166 129.7 87.3 162.1

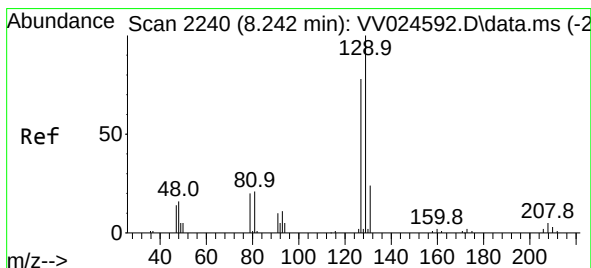
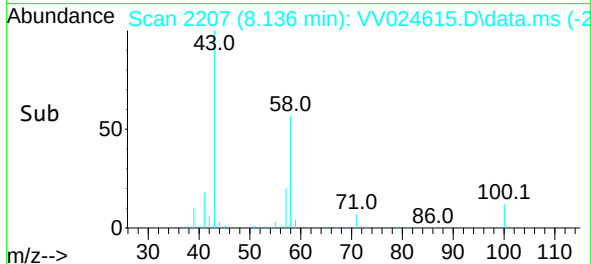
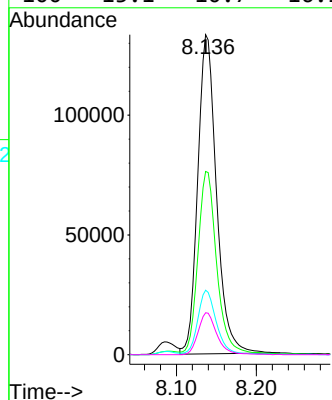
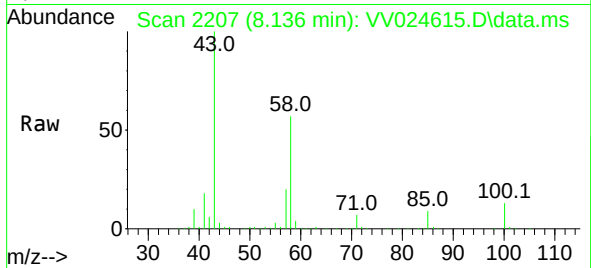




#48
2-Hexanone
Concen: 53.382 ug/L
RT: 8.136 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

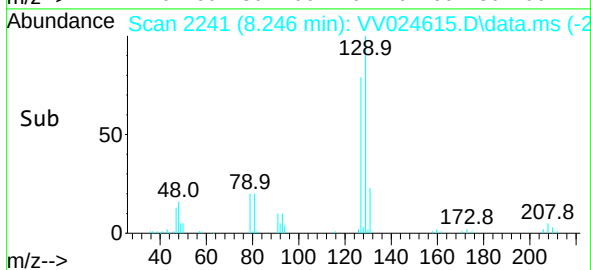
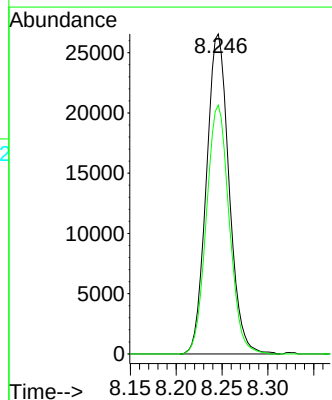
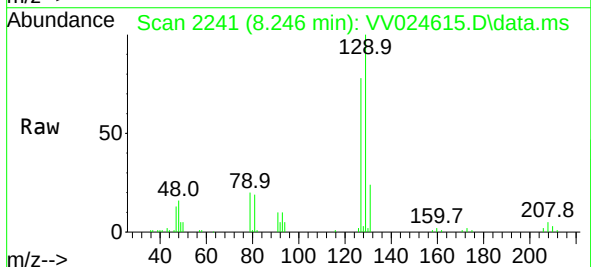
Instrument :
MSVOA_V
ClientSampleId :

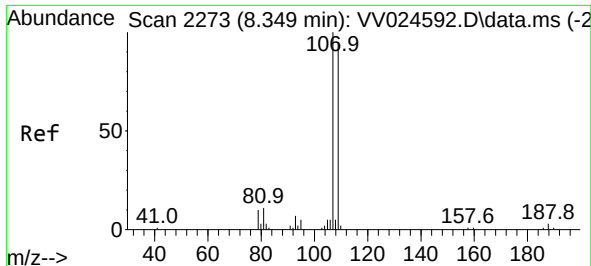
Tgt Ion: 43 Resp: 218209
Ion Ratio Lower Upper
43 100
58 57.4 44.5 66.7
57 19.8 15.1 22.7
100 13.1 10.7 16.1



#49
Dibromochloromethane
Concen: 5.042 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

Tgt Ion:129 Resp: 45657
Ion Ratio Lower Upper
129 100
127 77.8 53.5 99.3

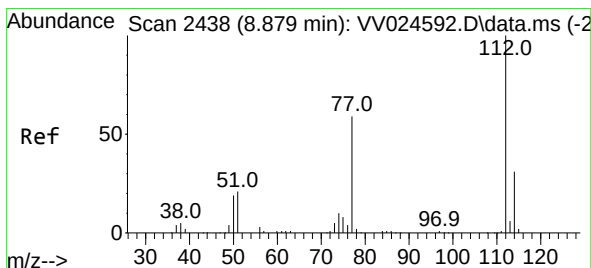
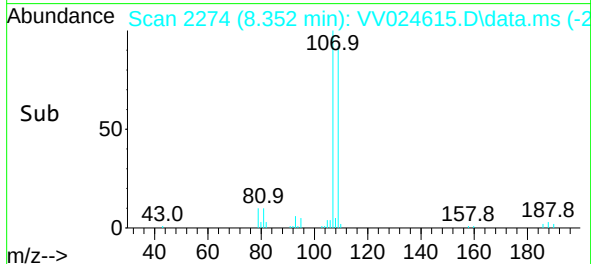
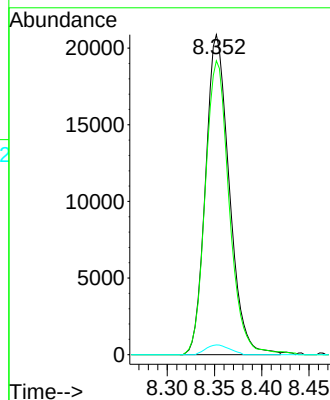
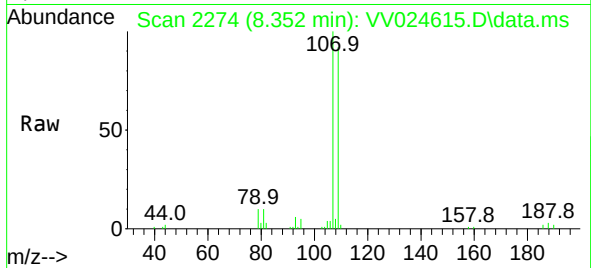




#50
1,2-Dibromoethane
Concen: 5.172 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

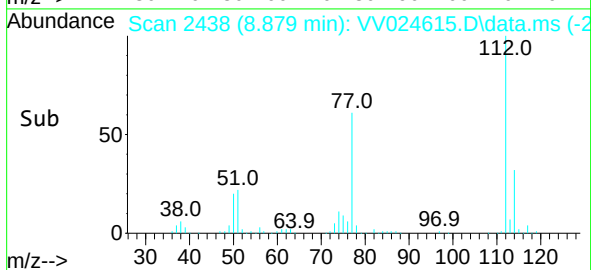
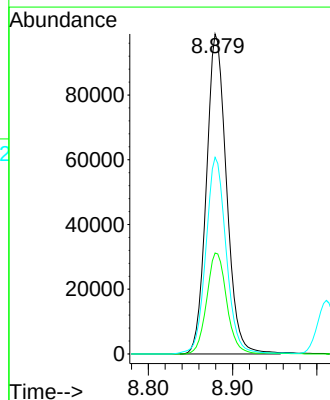
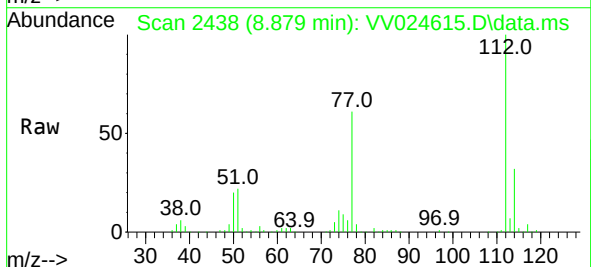
Instrument :
MSVOA_V
ClientSampleId :

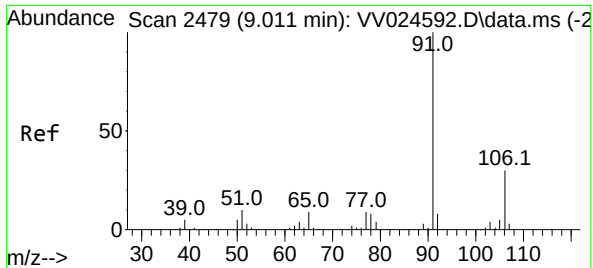
Tgt Ion:107 Resp: 36401
Ion Ratio Lower Upper
107 100
109 91.8 62.5 116.1
188 3.0 3.4 5.2#



#51
Chlorobenzene
Concen: 5.148 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

Tgt Ion:112 Resp: 164069
Ion Ratio Lower Upper
112 100
114 31.5 23.3 43.3
77 61.4 43.3 64.9





#52

Ethylbenzene

Concen: 5.114 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

Instrument :

MSVOA_V

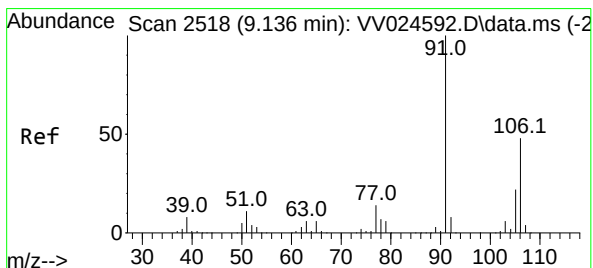
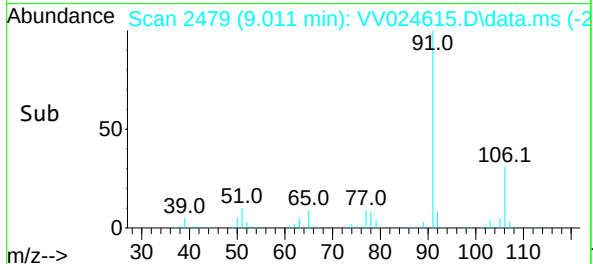
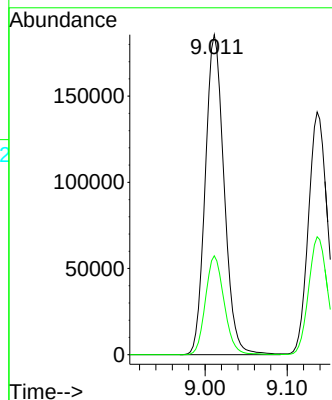
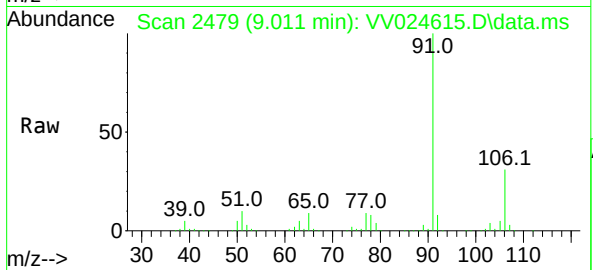
ClientSampleId :

Tgt Ion: 91 Resp: 295948

Ion Ratio Lower Upper

91 100

106 30.9 22.0 41.0



#53

m,p-xylene

Concen: 5.104 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV024615.D

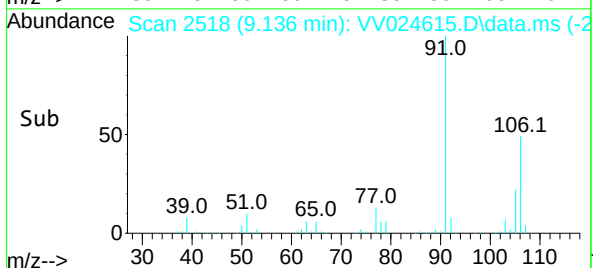
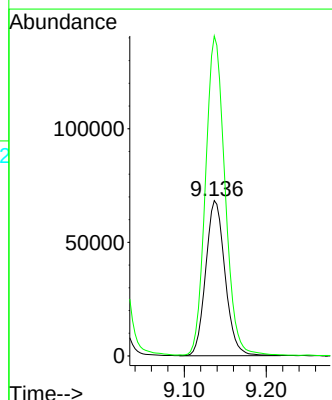
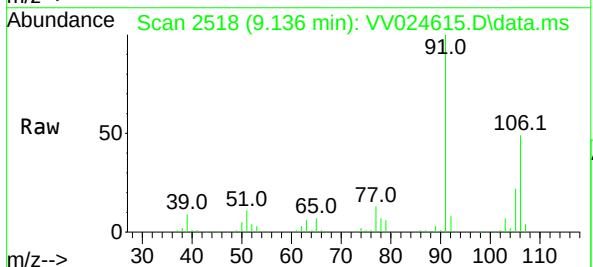
Acq: 11 Feb 2022 19:42

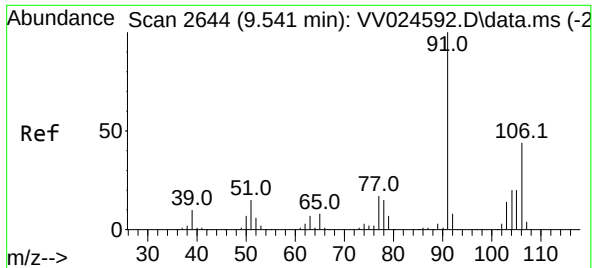
Tgt Ion: 106 Resp: 111867

Ion Ratio Lower Upper

106 100

91 205.9 139.5 259.1

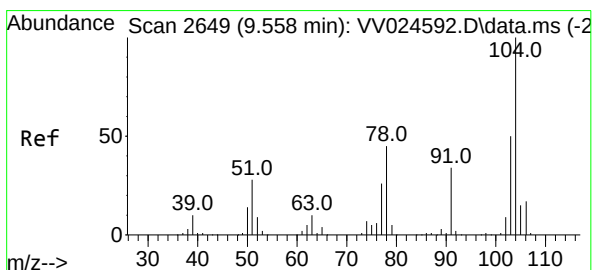
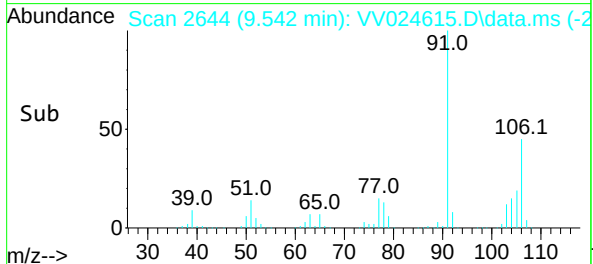
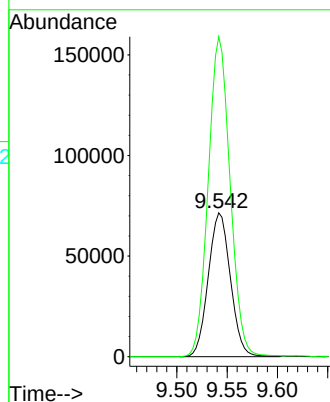
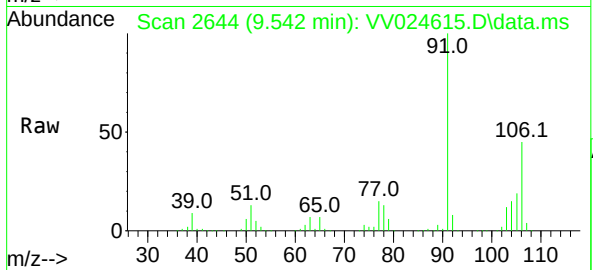




#54
o-xylene
Concen: 5.177 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

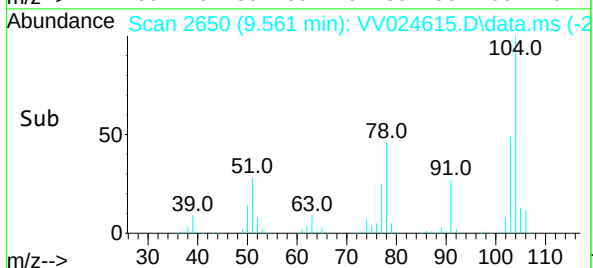
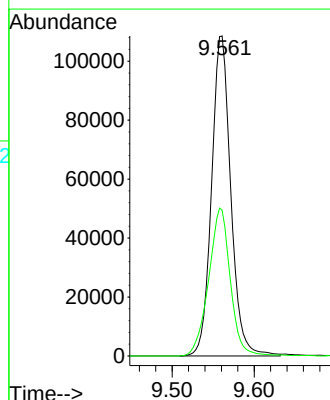
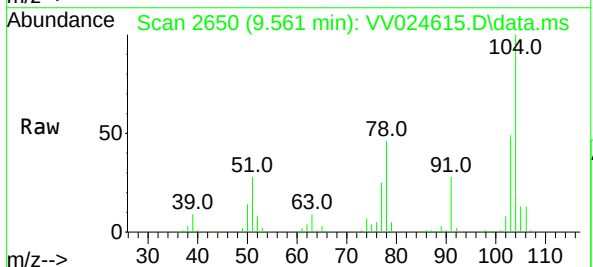
Instrument :
MSVOA_V
ClientSampleId :

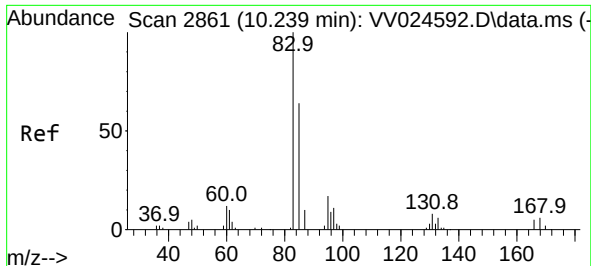
Tgt Ion:106 Resp: 109419
Ion Ratio Lower Upper
106 100
91 222.3 147.9 274.7



#55
Styrene
Concen: 5.095 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

Tgt Ion:104 Resp: 176772
Ion Ratio Lower Upper
104 100
78 45.5 31.0 57.6

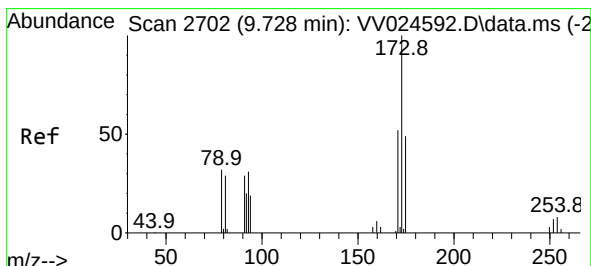
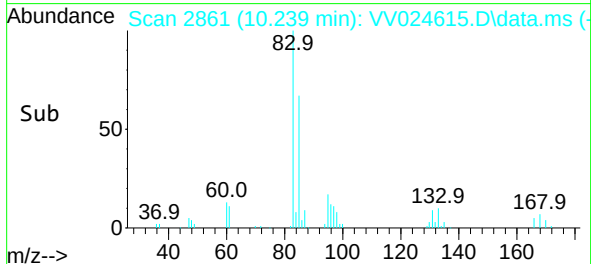
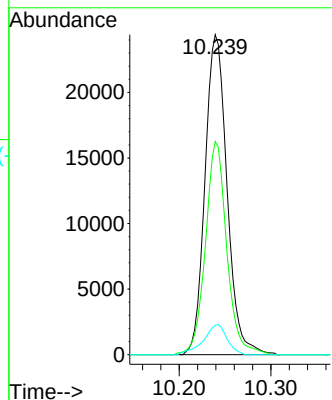
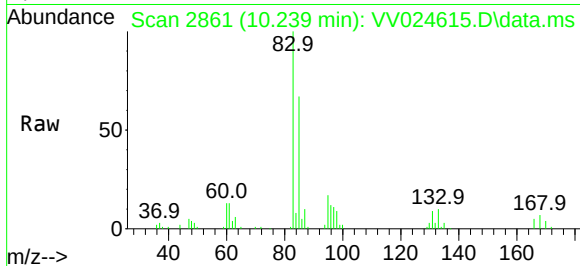




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.352 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024615.D
 Acq: 11 Feb 2022 19:42

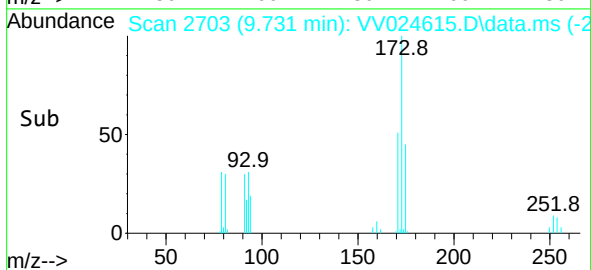
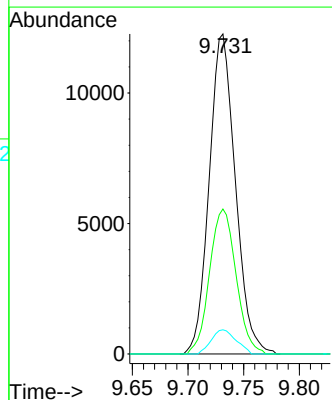
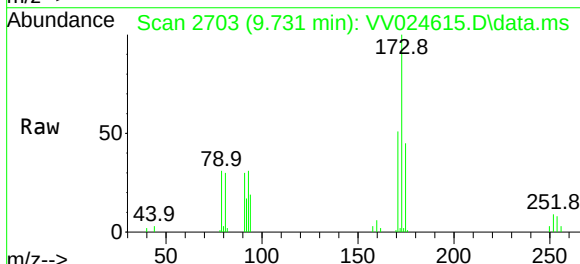
Instrument :
 MSVOA_V
 ClientSampleId :

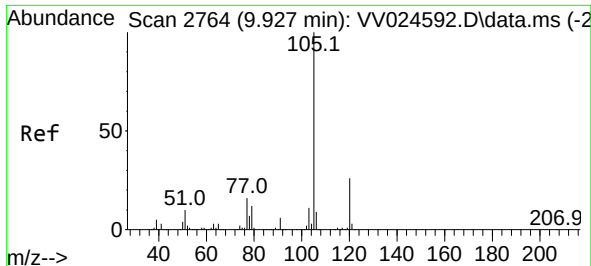
Tgt Ion: 83 Resp: 40654
 Ion Ratio Lower Upper
 83 100
 85 66.6 44.6 82.8
 131 9.2 8.3 12.5



#59
 Bromoform
 Concen: 4.926 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV024615.D
 Acq: 11 Feb 2022 19:42

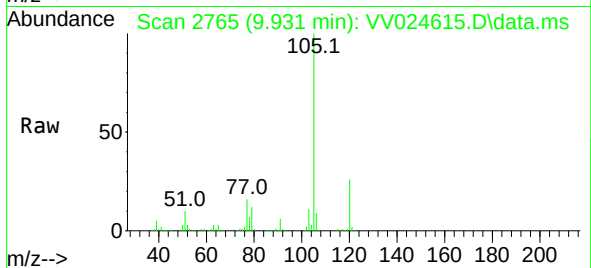
Tgt Ion: 173 Resp: 20028
 Ion Ratio Lower Upper
 173 100
 175 45.8 39.4 59.2
 254 7.2 7.4 11.0#



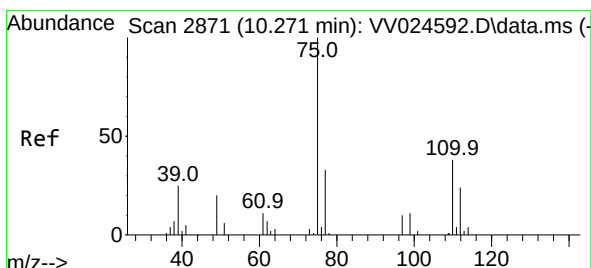
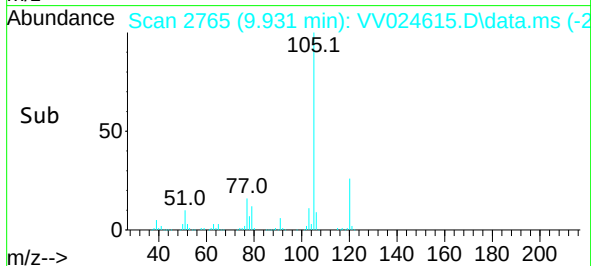
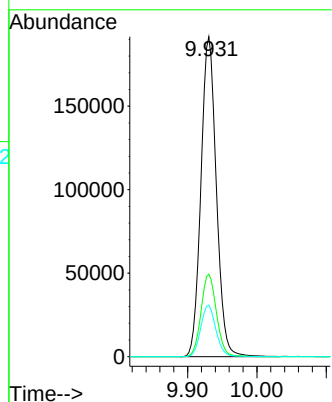


#60
Isopropylbenzene
Concen: 5.120 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.003 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

Instrument :
MSVOA_V
ClientSampleId :

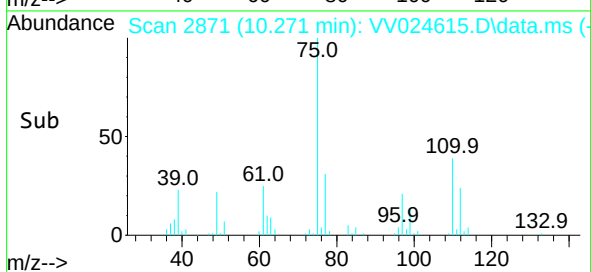
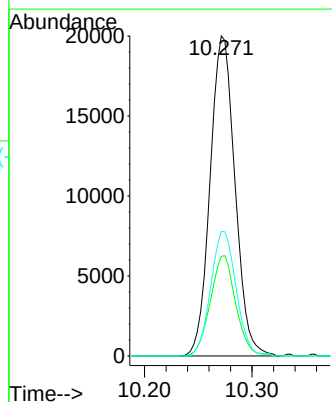
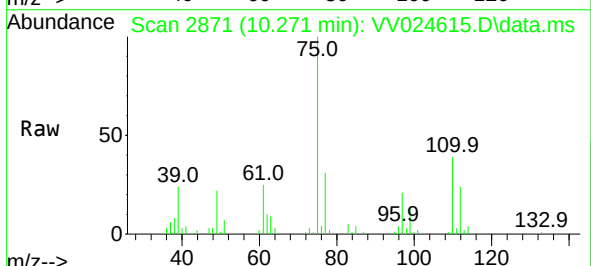


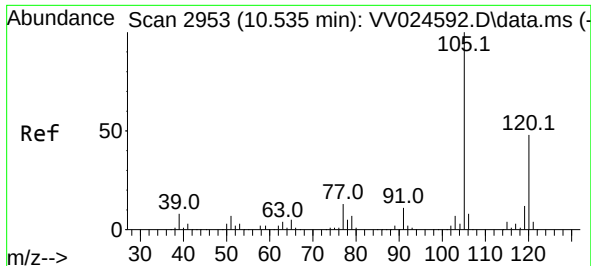
Tgt Ion:105 Resp: 295489
Ion Ratio Lower Upper
105 100
120 25.8 21.4 32.0
77 16.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.132 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

Tgt Ion: 75 Resp: 32197
Ion Ratio Lower Upper
75 100
77 31.8 26.4 39.6
110 39.8 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.061 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

Instrument :

MSVOA_V

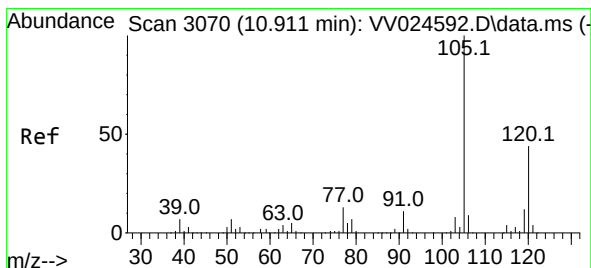
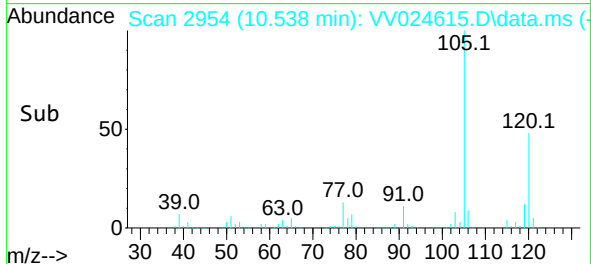
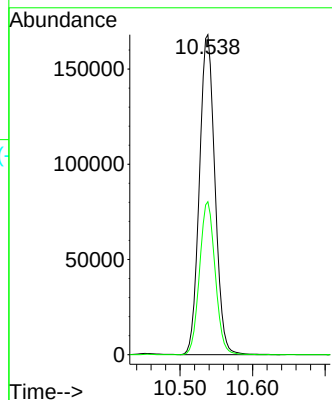
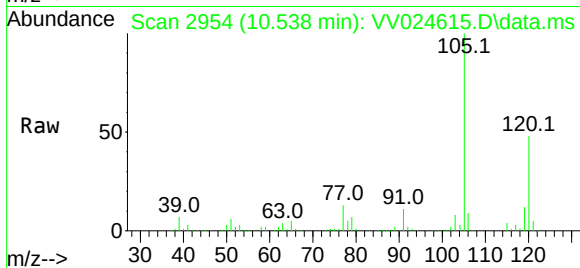
ClientSampleId :

Tgt Ion:105 Resp: 250148

Ion Ratio Lower Upper

105 100

120 48.0 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.102 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024615.D

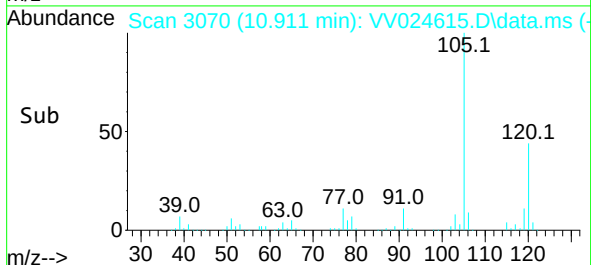
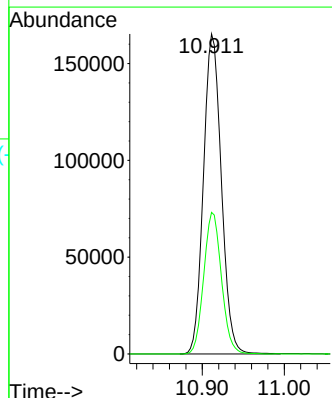
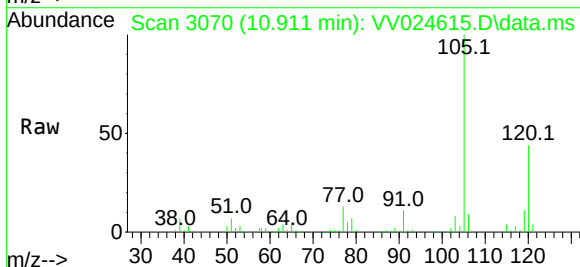
Acq: 11 Feb 2022 19:42

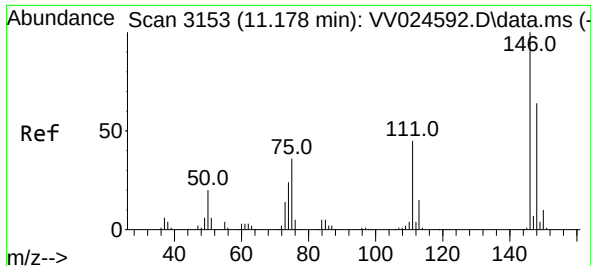
Tgt Ion:105 Resp: 250689

Ion Ratio Lower Upper

105 100

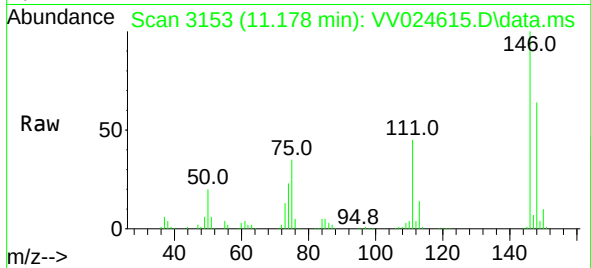
120 43.8 36.7 55.1



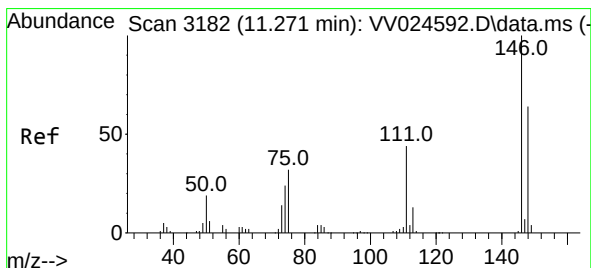
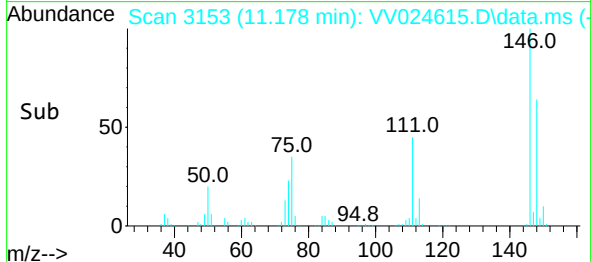
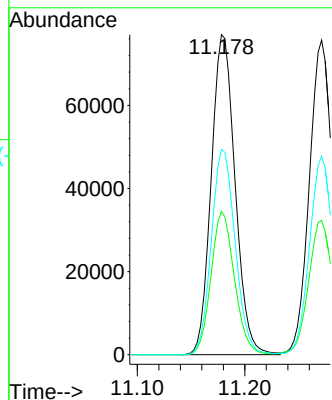


#64
1,3-Dichlorobenzene
Concen: 5.056 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

Instrument :
MSVOA_V
ClientSampleId :

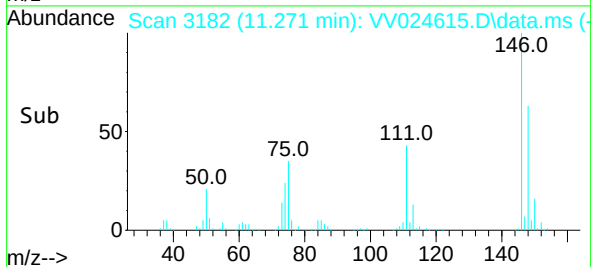
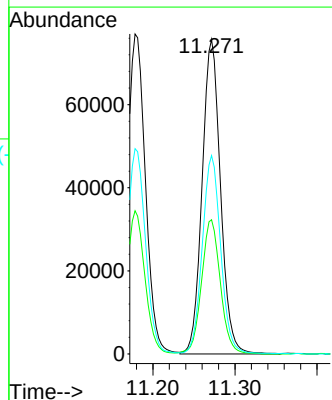
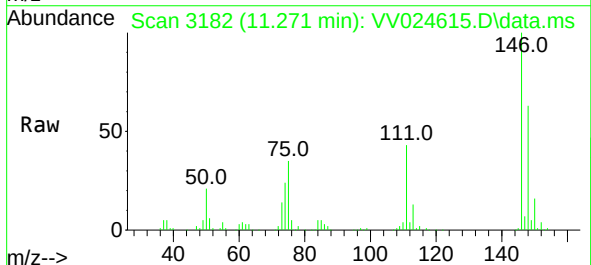


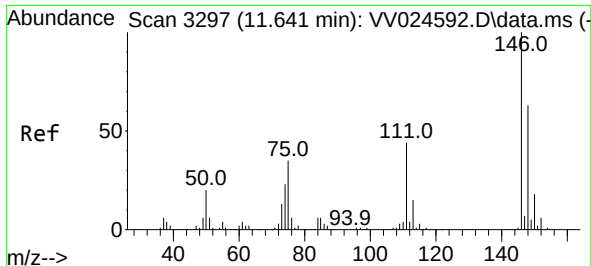
Tgt Ion:146 Resp: 118792
Ion Ratio Lower Upper
146 100
111 44.8 26.3 48.9
148 64.1 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.064 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

Tgt Ion:146 Resp: 118171
Ion Ratio Lower Upper
146 100
111 42.7 25.6 47.6
148 63.1 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.037 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

Instrument :

MSVOA_V

ClientSampleId :

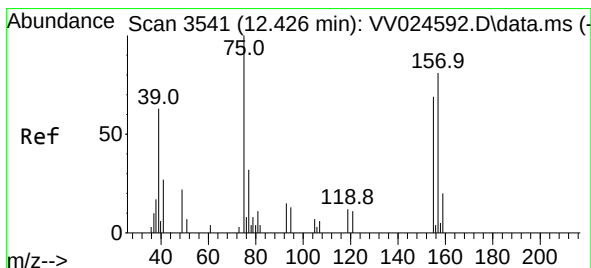
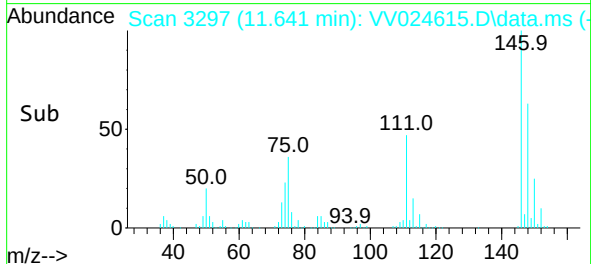
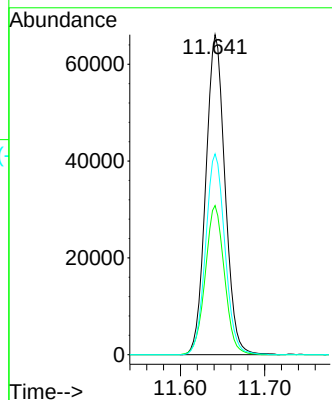
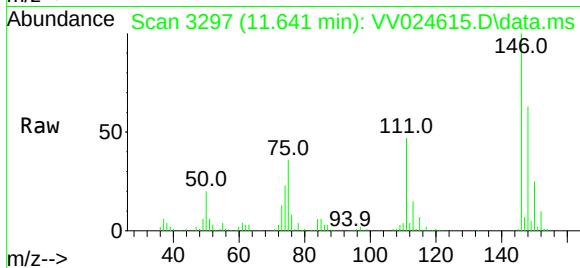
Tgt Ion:146 Resp: 105054

Ion Ratio Lower Upper

146 100

111 46.6 31.9 47.9

148 62.8 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.197 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

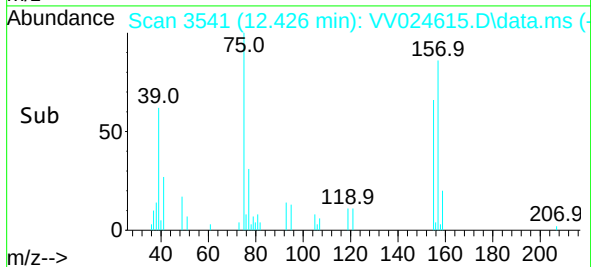
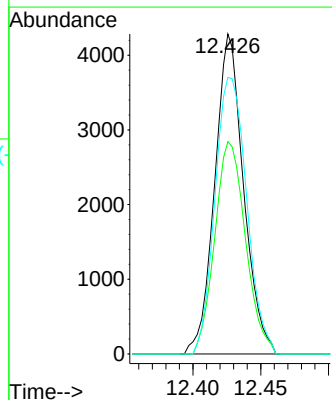
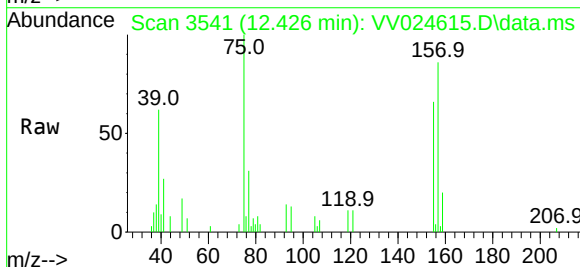
Tgt Ion: 75 Resp: 6333

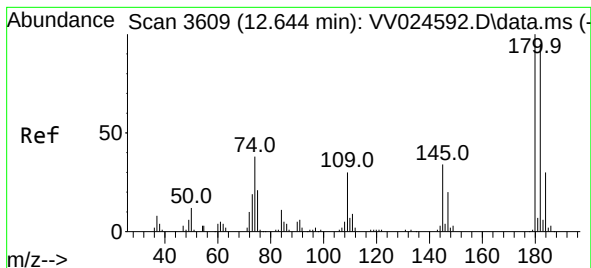
Ion Ratio Lower Upper

75 100

155 66.3 71.7 107.5#

157 86.5 103.3 154.9#





#69

1,3,5-Trichlorobenzene

Concen: 4.830 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

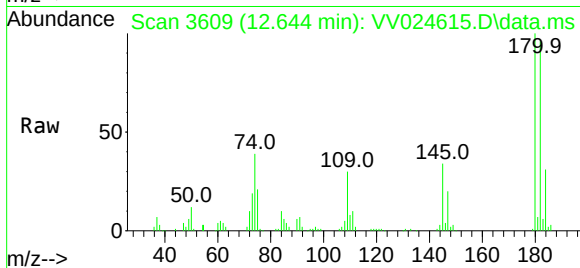
Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 80729

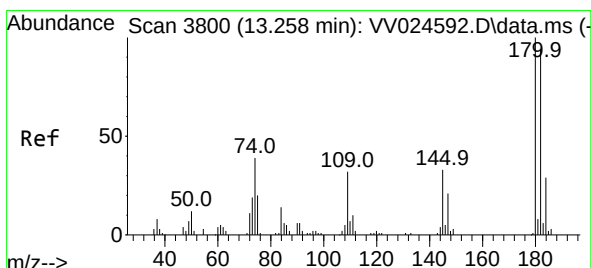
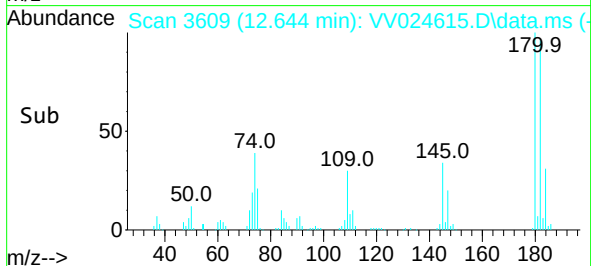
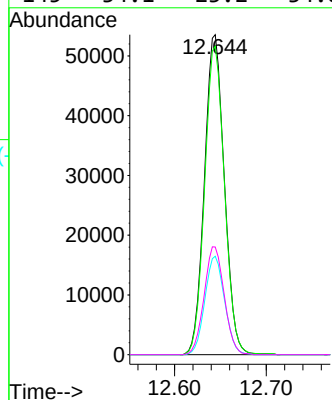
Ion Ratio Lower Upper

180 100

182 95.9 76.4 114.6

184 30.6 24.2 36.4

145 34.1 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.996 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024615.D

Acq: 11 Feb 2022 19:42

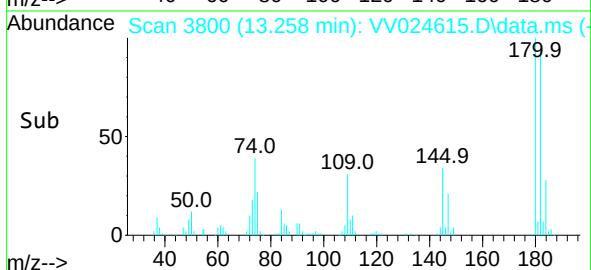
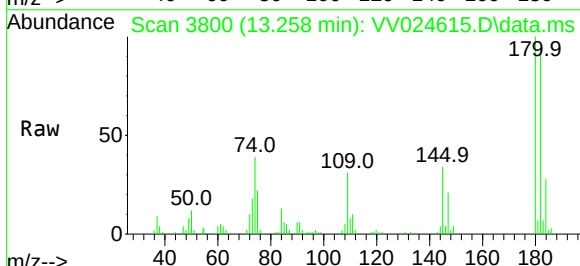
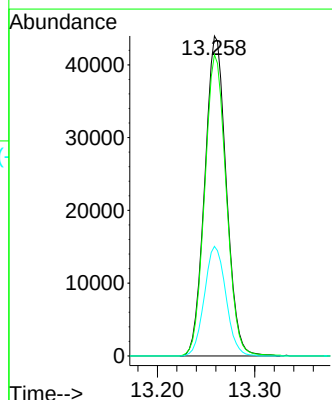
Tgt Ion:180 Resp: 67429

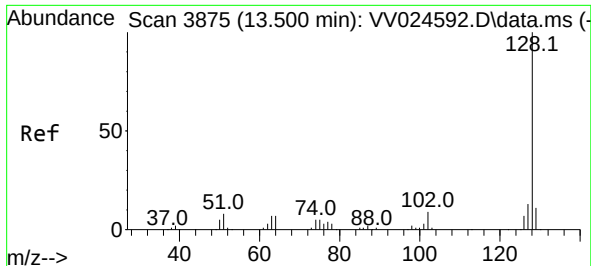
Ion Ratio Lower Upper

180 100

182 94.4 74.4 111.6

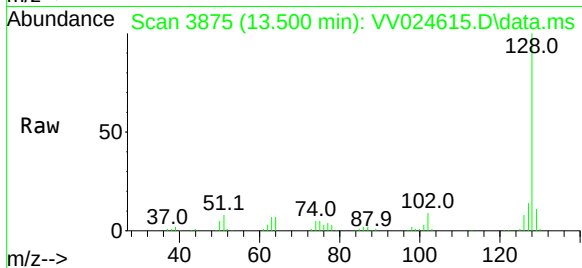
145 34.2 23.3 34.9



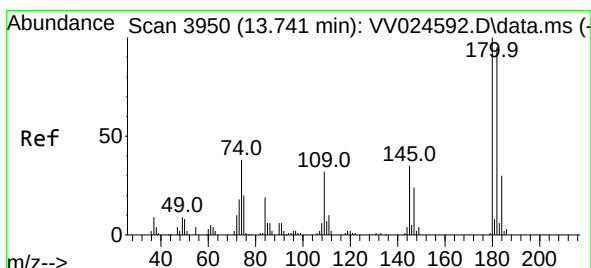
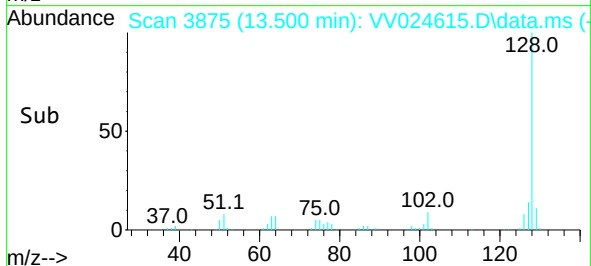
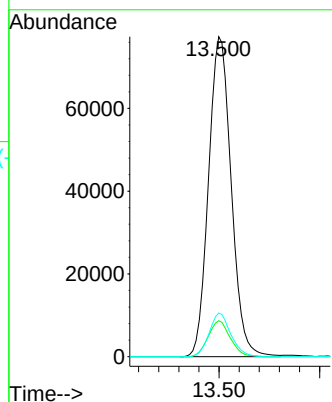


#71
Naphthalene
Concen: 4.956 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 121149
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.012 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024615.D
Acq: 11 Feb 2022 19:42

Tgt Ion:180 Resp: 56890
Ion Ratio Lower Upper
180 100
182 93.9 76.8 115.2
145 36.4 25.8 38.6

