

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024617.D
 Acq On : 11 Feb 2022 20:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 12 03:47:46 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	110001	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	109695	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56720	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37115	4.025	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.571	69	35950	4.612	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.114	63	92635	4.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	3.892	46	90558	59.161	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.320%
24) Chloroform-d	4.352	84	81211	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.034	65	37615	5.108	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.053	84	154935	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.072	67	47652	4.923	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.317	98	140701	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.622	79	18098	4.629	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.088	63	75343	54.704	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30845	5.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	46035	5.035	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	81478	5.637	ug/L	99
3) Chloromethane	1.243	50	76178	5.356	ug/L	98
5) Vinyl chloride	1.314	62	83472	5.450	ug/L	100
6) Bromomethane	1.523	94	51693	5.482	ug/L	98
8) Chloroethane	1.587	64	54890	5.851	ug/L	95
9) Trichlorofluoromethane	1.754	101	119247	5.761	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	66018	5.721	ug/L #	85
12) 1,1-Dichloroethene	2.121	96	62770	5.511	ug/L	94
13) Acetone	2.182	43	69075	57.183	ug/L	73
14) Carbon disulfide	2.298	76	187255	5.173	ug/L	100
15) Methyl Acetate	2.439	43	19720	5.709	ug/L	93
16) Methylene chloride	2.510	84	59219	5.248	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	126118	5.374	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	61320	5.480	ug/L	88
19) 1,1-Dichloroethane	3.191	63	111335	5.761	ug/L	98
21) 2-Butanone	3.973	43	114430	57.158	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	65215	5.781	ug/L	96
23) Bromochloromethane	4.253	128	24461	5.710	ug/L	87
25) Chloroform	4.378	83	112889	5.581	ug/L	99

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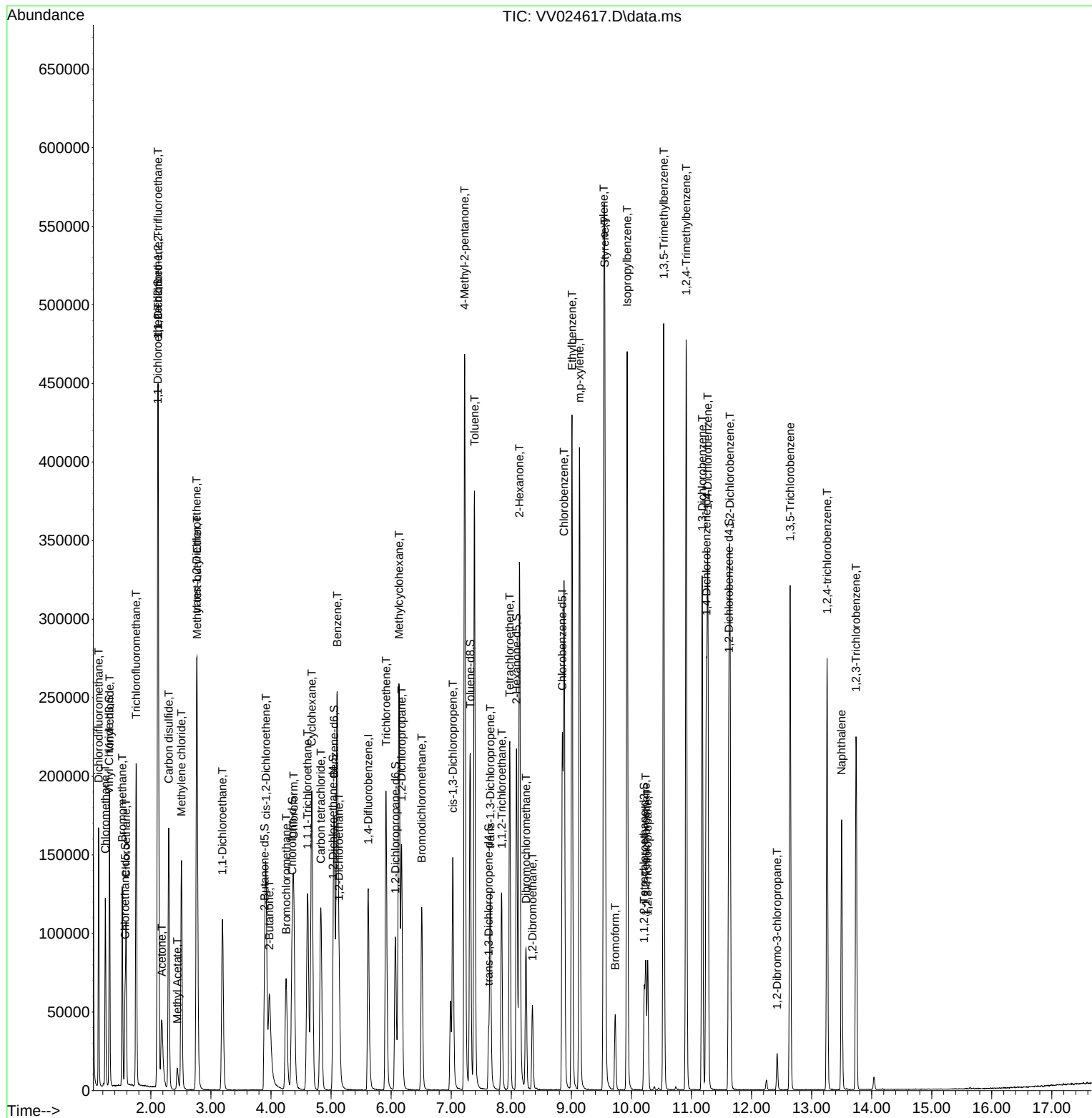
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	64264	5.795	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	101224	5.625	ug/L	97
30) Cyclohexane	4.680	56	105548	5.693	ug/L	96
31) Carbon tetrachloride	4.828	117	85243	5.593	ug/L	99
33) Benzene	5.101	78	251250	5.869	ug/L	100
34) Trichloroethene	5.915	95	68072	5.774	ug/L	87
35) Methylcyclohexane	6.130	83	110479	5.665	ug/L	97
37) 1,2-Dichloropropane	6.175	63	60652	5.845	ug/L #	97
38) Bromodichloromethane	6.510	83	78002	5.656	ug/L #	97
39) cis-1,3-Dichloropropene	7.027	75	87775	5.551	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	305626	57.073	ug/L	100
42) Toluene	7.387	91	271317	5.818	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	72348	5.539	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	38465	5.720	ug/L	97
47) Tetrachloroethene	7.976	164	43954	5.620	ug/L	91
48) 2-Hexanone	8.137	43	213219	58.167	ug/L	99
49) Dibromochloromethane	8.246	129	43860	5.401	ug/L	95
50) 1,2-Dibromoethane	8.352	107	35345	5.600	ug/L #	93
51) Chlorobenzene	8.879	112	166409	5.822	ug/L	93
52) Ethylbenzene	9.011	91	301959	5.819	ug/L	97
53) m,p-xylene	9.137	106	114062	5.803	ug/L	95
54) o-xylene	9.542	106	110972	5.855	ug/L	95
55) Styrene	9.558	104	181644	5.838	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	39212	5.757	ug/L	97
59) Bromoform	9.731	173	19909	5.493	ug/L	98
60) Isopropylbenzene	9.931	105	301646	5.863	ug/L	97
61) 1,2,3-Trichloropropane	10.272	75	32444	5.802	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	254554	5.778	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	257175	5.872	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	123106	5.879	ug/L	96
65) 1,4-Dichlorobenzene	11.272	146	122176	5.874	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	108551	5.839	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.426	75	6134	5.648	ug/L #	74
69) 1,3,5-Trichlorobenzene	12.644	180	86444	5.802	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	70523	5.862	ug/L	96
71) Naphthalene	13.500	128	127448	5.849	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	57899	5.722	ug/L	97

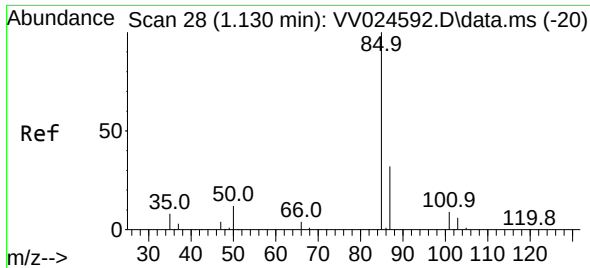
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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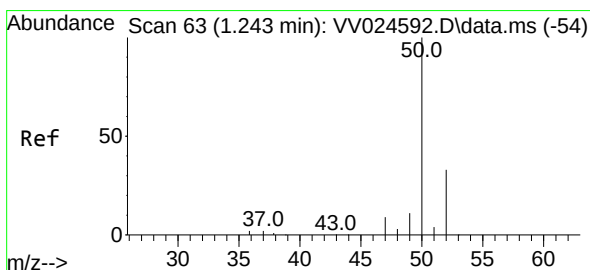
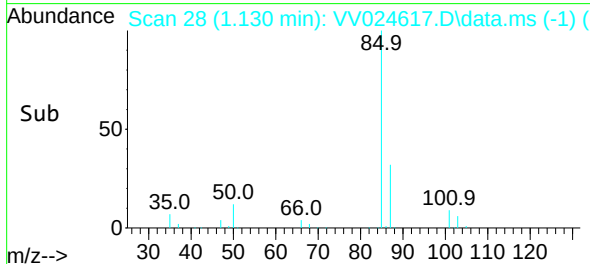
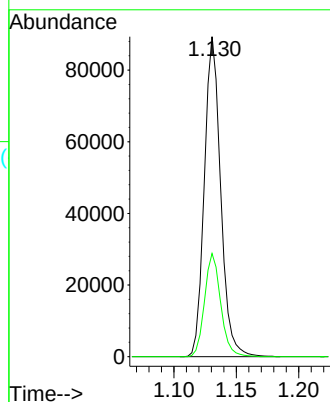
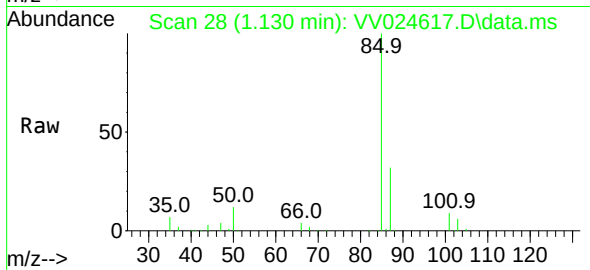




#2
 Dichlorodifluoromethane
 Concen: 5.637 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024617.D
 Acq: 11 Feb 2022 20:27

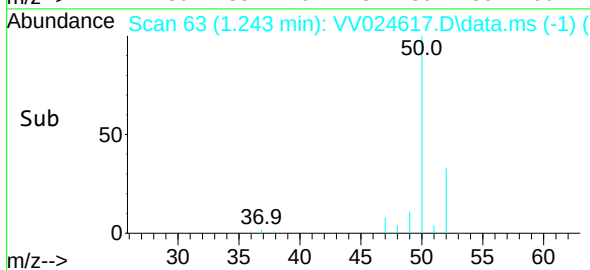
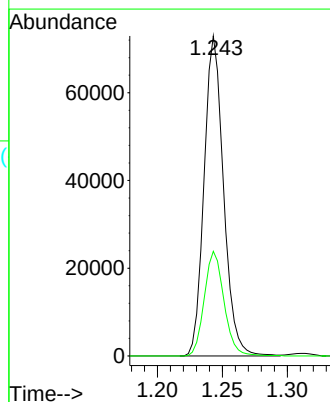
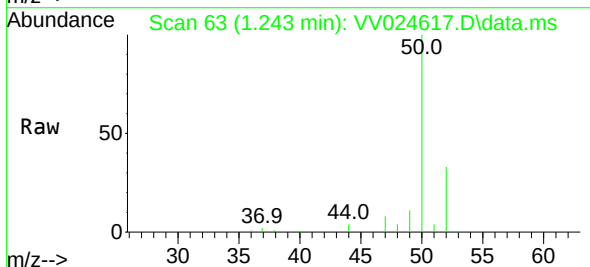
Instrument :
 MSVOA_V
 ClientSampleId :

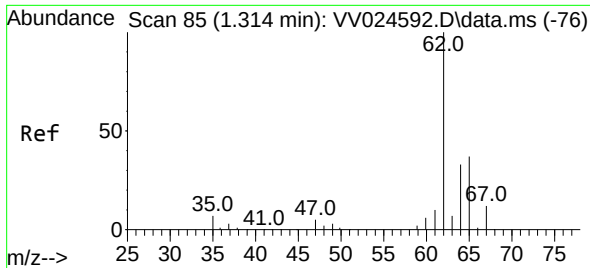
Tgt Ion: 85 Resp: 81478
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.0 39.0



#3
 Chloromethane
 Concen: 5.356 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024617.D
 Acq: 11 Feb 2022 20:27

Tgt Ion: 50 Resp: 76178
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.0 41.0

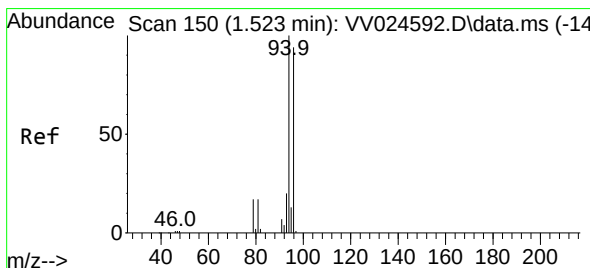
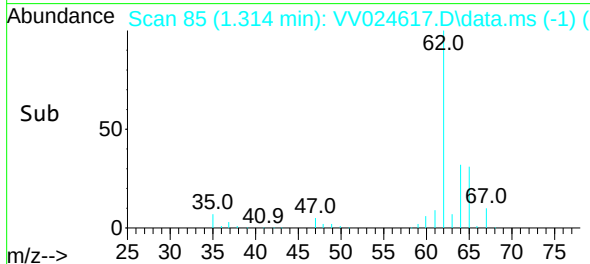
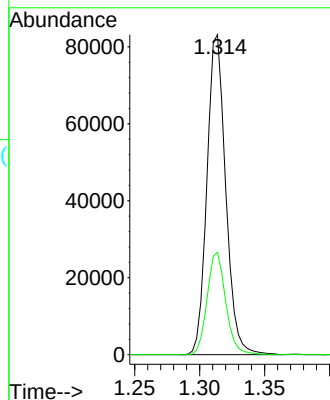
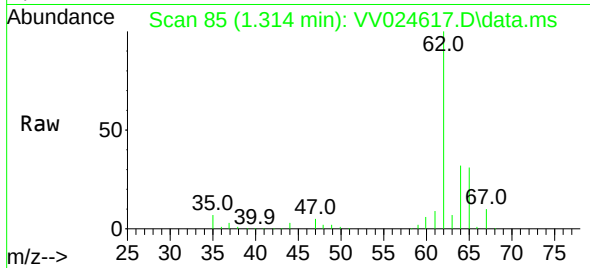




#5
 Vinyl chloride
 Concen: 5.450 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV024617.D
 Acq: 11 Feb 2022 20:27

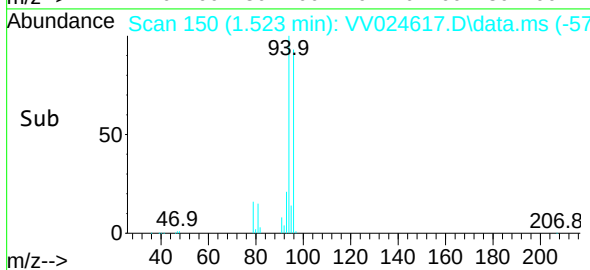
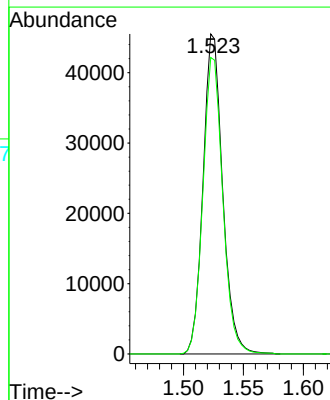
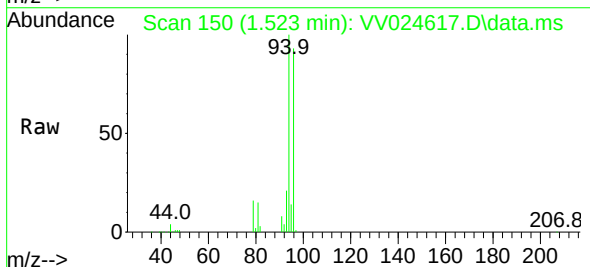
Instrument :
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 ClientSampleId :

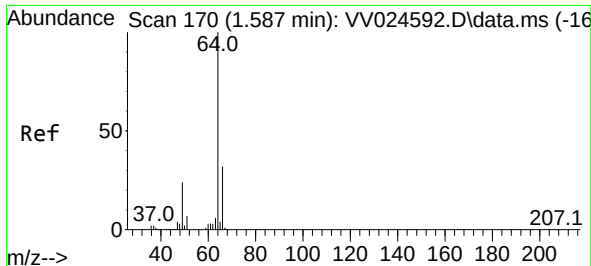
Tgt Ion: 62 Resp: 83472
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.4 41.6



#6
 Bromomethane
 Concen: 5.482 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024617.D
 Acq: 11 Feb 2022 20:27

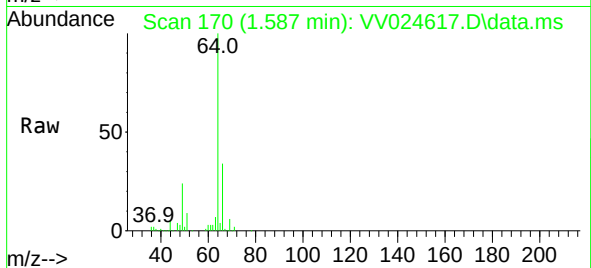
Tgt Ion: 94 Resp: 51693
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.2 123.0



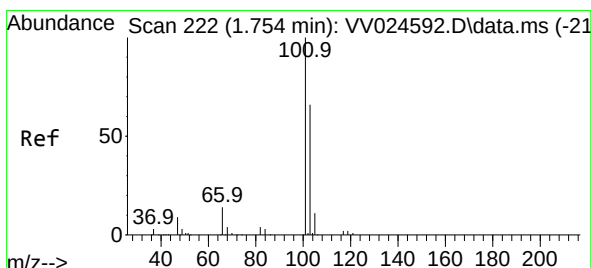
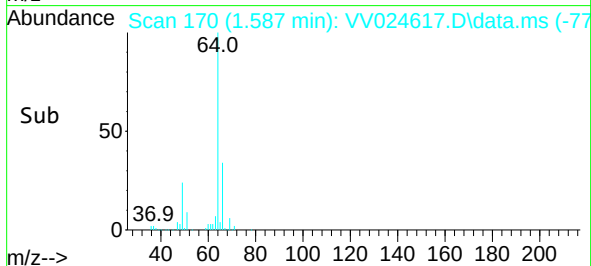
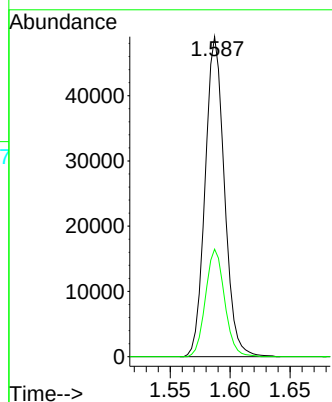


#8
Chloroethane
Concen: 5.851 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

Instrument :
MSVOA_V
ClientSampleId :

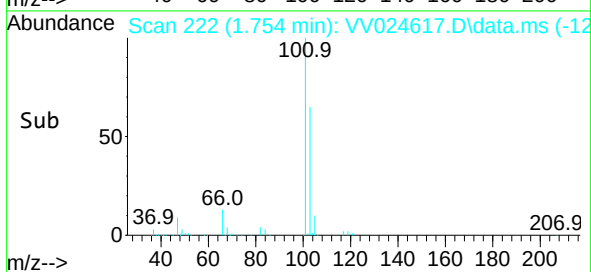
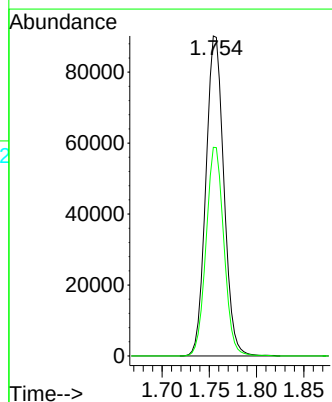
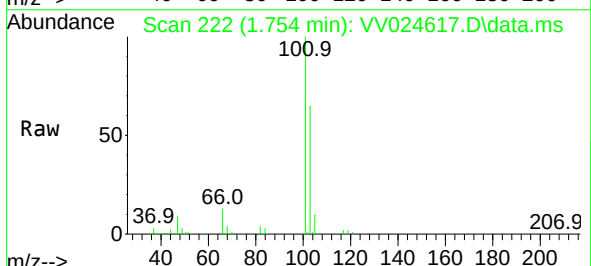


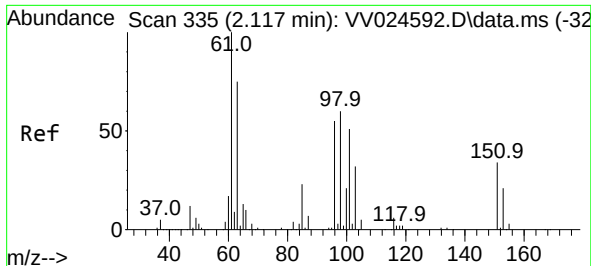
Tgt Ion: 64 Resp: 54890
Ion Ratio Lower Upper
64 100
66 33.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.761 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

Tgt Ion: 101 Resp: 119247
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4





#10

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

Concen: 5.721 ug/L

RT: 2.121 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

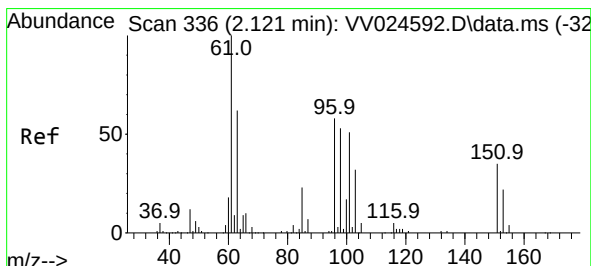
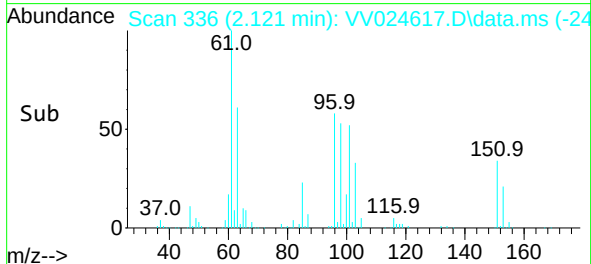
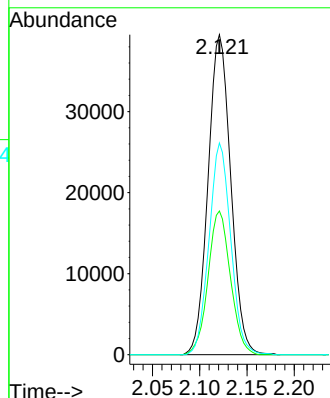
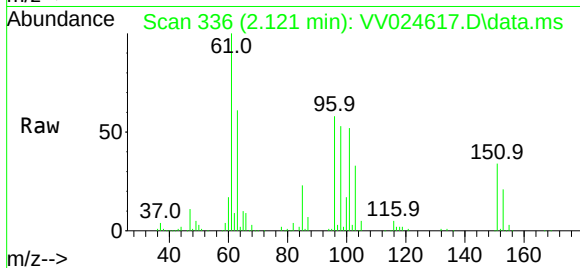
Tgt Ion:101 Resp: 66018

Ion Ratio Lower Upper

101 100

85 44.2 36.0 54.0

151 63.3 66.4 99.6#



#12

1,1-Dichloroethene

Concen: 5.511 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

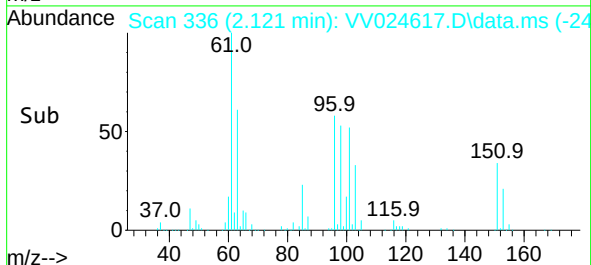
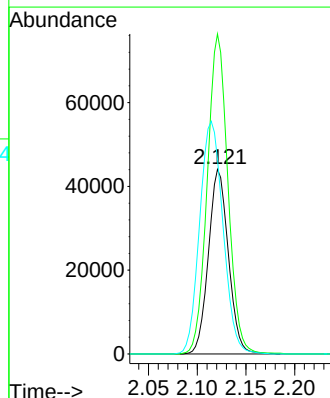
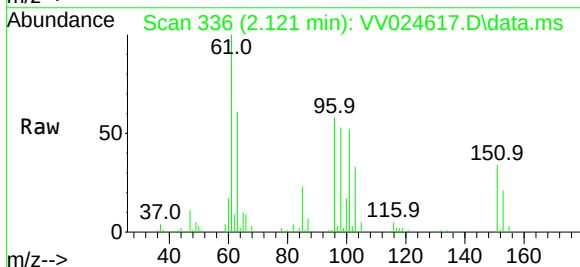
Tgt Ion: 96 Resp: 62770

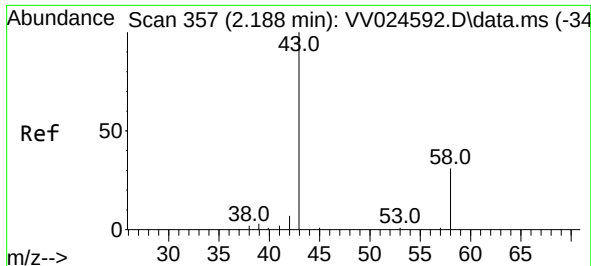
Ion Ratio Lower Upper

96 100

61 173.2 116.1 215.5

63 105.6 79.4 147.4





#13

Acetone

Concen: 57.183 ug/L

RT: 2.182 min Scan# 3

Delta R.T. -0.006 min

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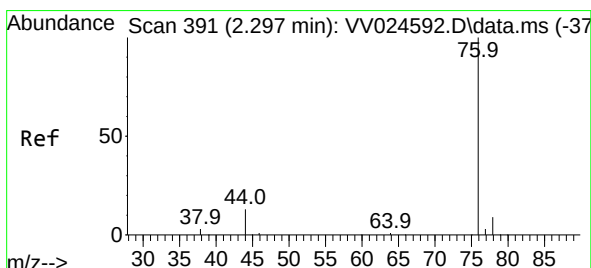
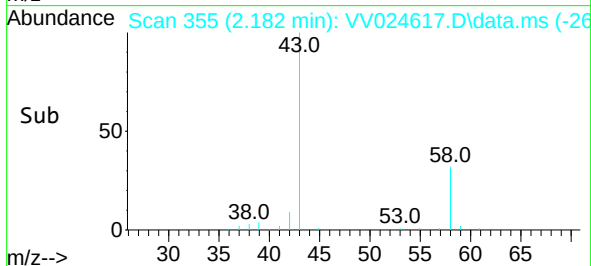
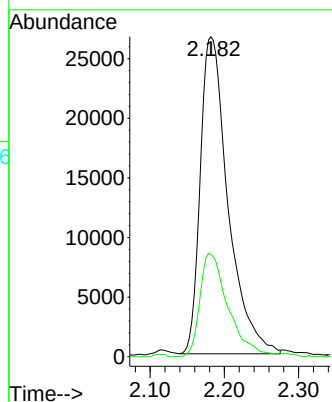
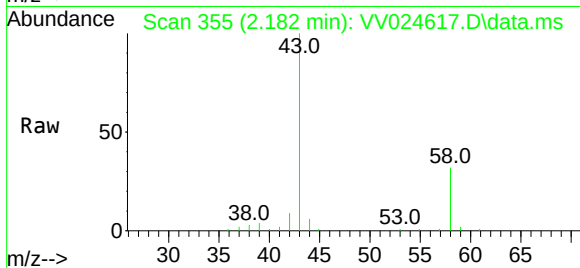
ClientSampleId :

Tgt Ion: 43 Resp: 69075

Ion Ratio Lower Upper

43 100

58 33.2 0.0 41.4



#14

Carbon disulfide

Concen: 5.173 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV024617.D

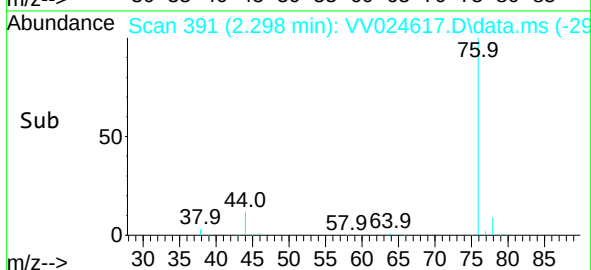
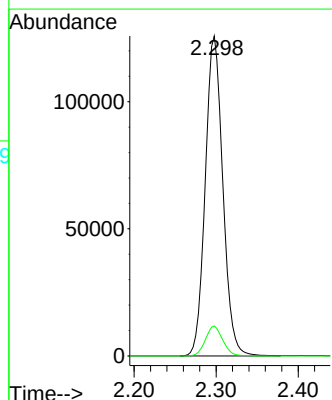
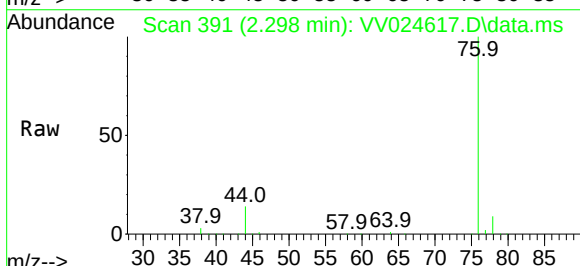
Acq: 11 Feb 2022 20:27

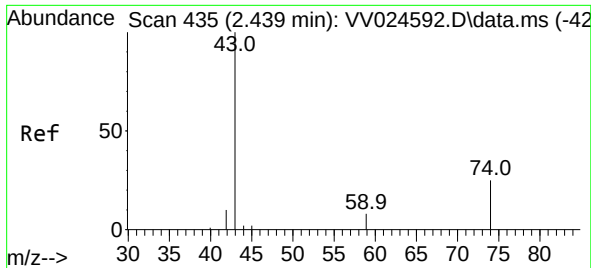
Tgt Ion: 76 Resp: 187255

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 5.709 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.000 min

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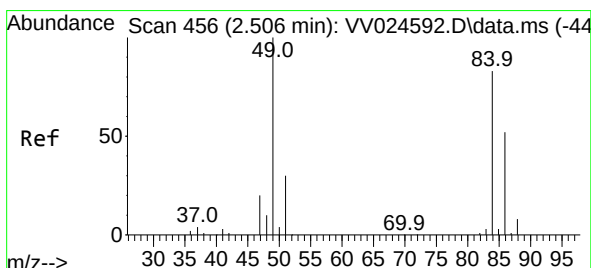
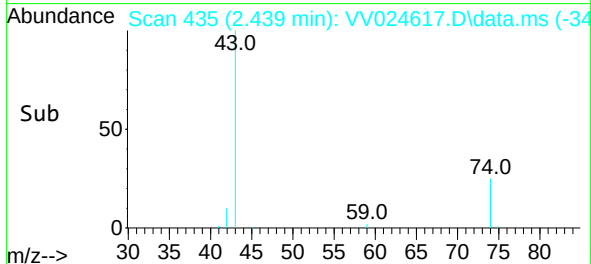
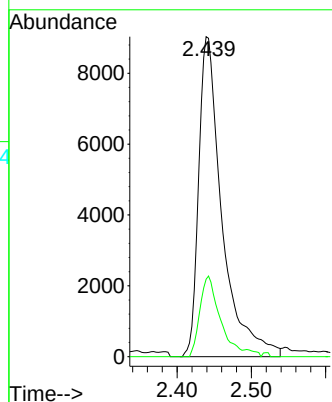
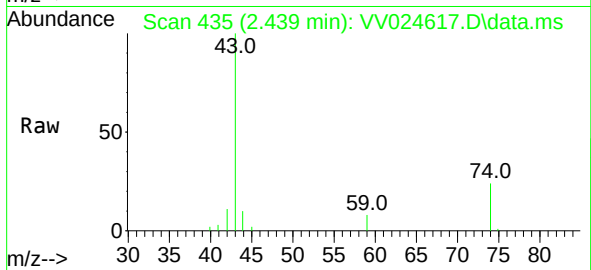
ClientSampleId :

Tgt Ion: 43 Resp: 19720

Ion Ratio Lower Upper

43 100

74 21.7 20.2 30.2



#16

Methylene chloride

Concen: 5.248 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.003 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

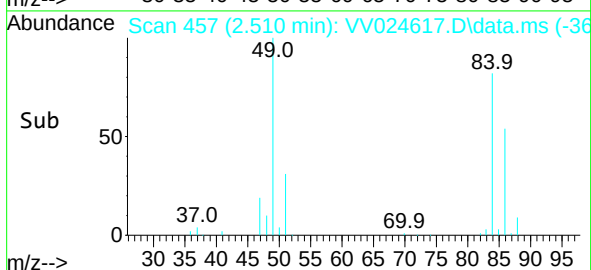
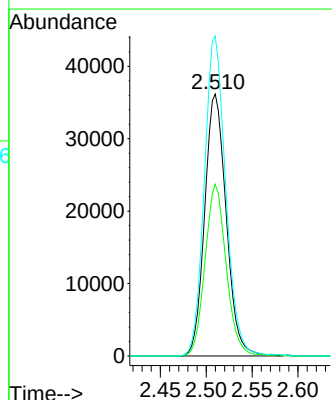
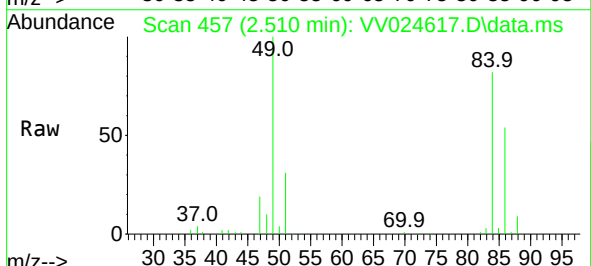
Tgt Ion: 84 Resp: 59219

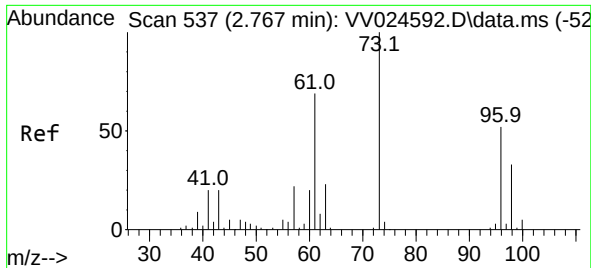
Ion Ratio Lower Upper

84 100

86 65.5 42.6 79.0

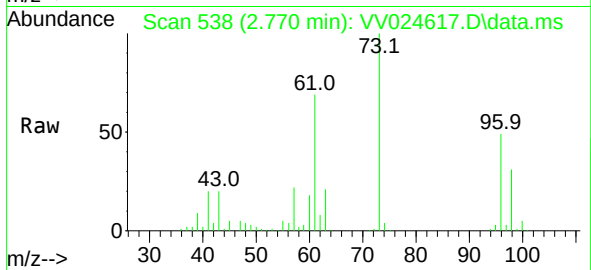
49 122.2 79.7 147.9



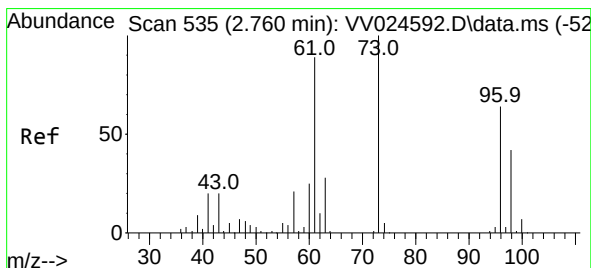
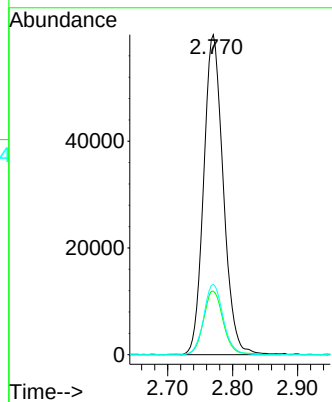
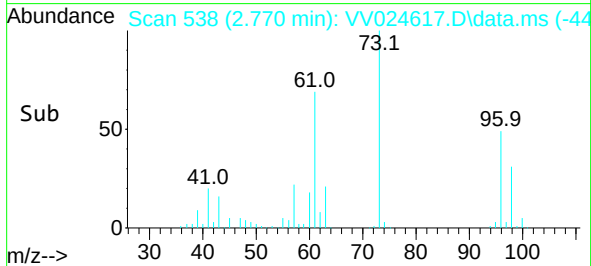


#17
Methyl tert-butyl Ether
Concen: 5.374 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

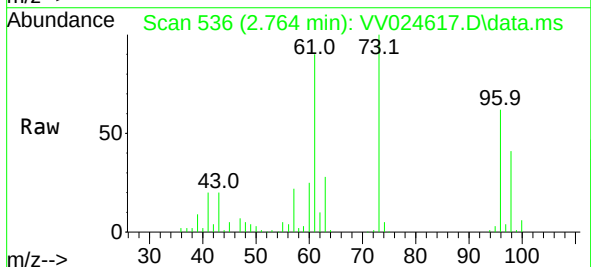
Instrument :
MSVOA_V
ClientSampleId :



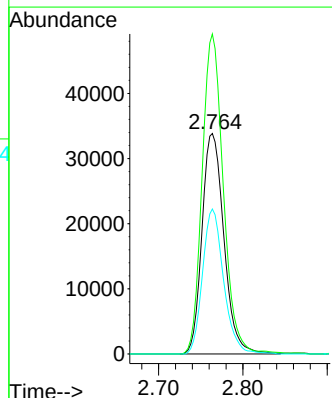
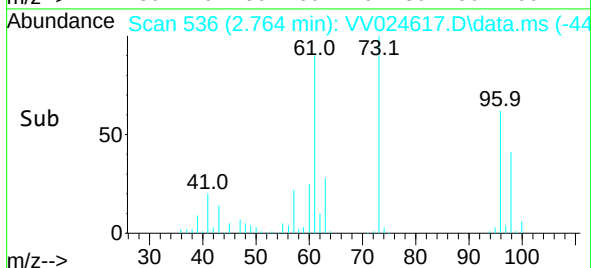
Tgt Ion: 73 Resp: 126118
Ion Ratio Lower Upper
73 100
43 20.0 15.5 23.3
57 21.8 17.1 25.7

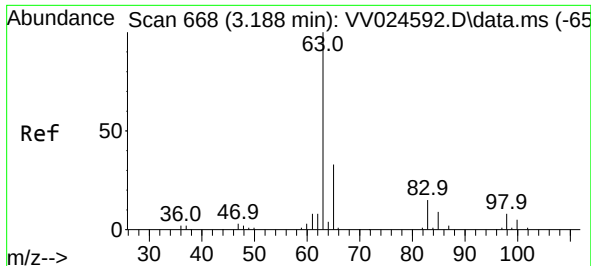


#18
trans-1,2-Dichloroethene
Concen: 5.480 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27



Tgt Ion: 96 Resp: 61320
Ion Ratio Lower Upper
96 100
61 145.2 88.2 163.8
98 65.8 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.761 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

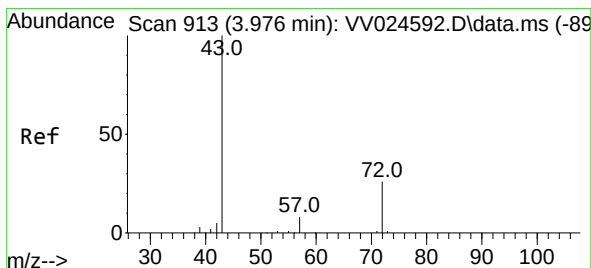
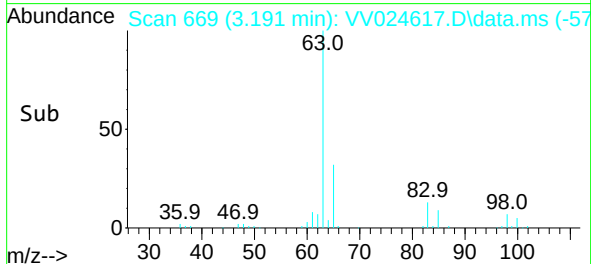
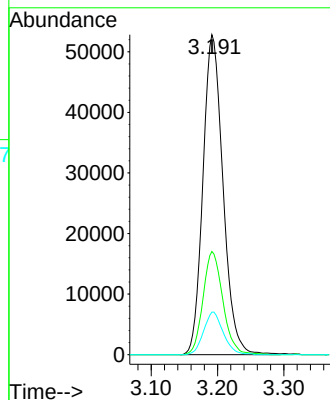
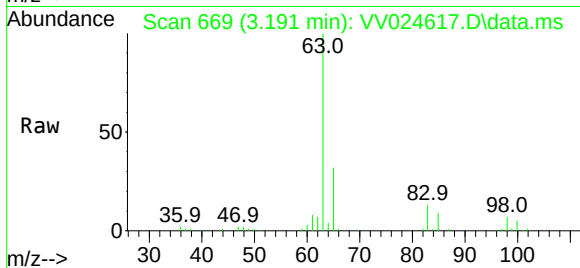
Tgt Ion: 63 Resp: 111335

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.3

83 13.3 10.7 19.9



#21

2-Butanone

Concen: 57.158 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.003 min

Lab File: VV024617.D

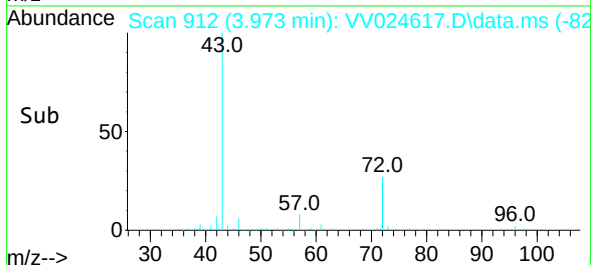
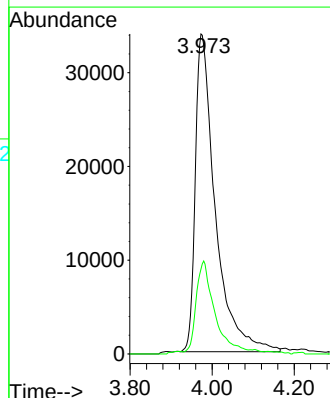
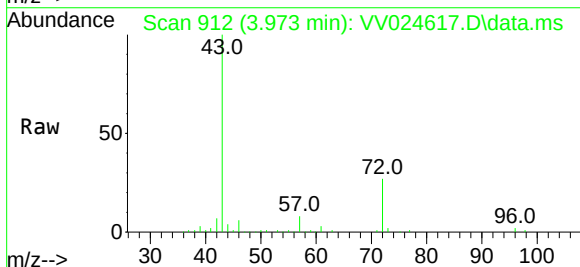
Acq: 11 Feb 2022 20:27

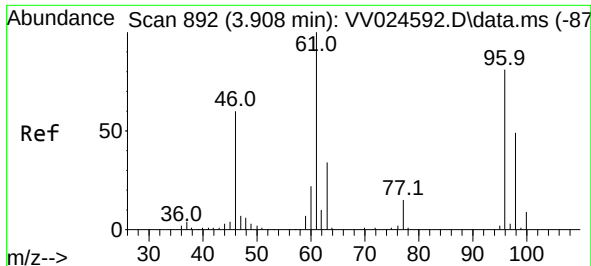
Tgt Ion: 43 Resp: 114430

Ion Ratio Lower Upper

43 100

72 26.0 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 5.781 ug/L

RT: 3.915 min Scan# 892

Delta R.T. 0.007 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

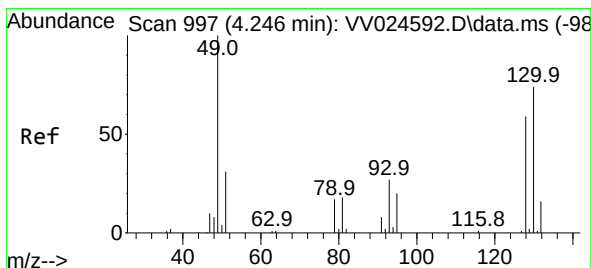
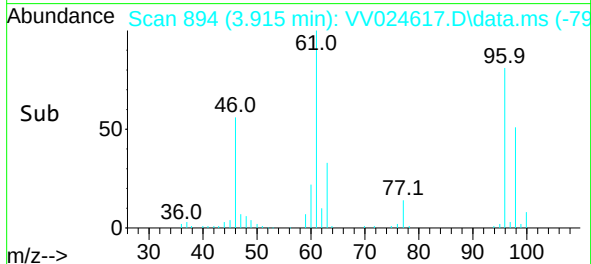
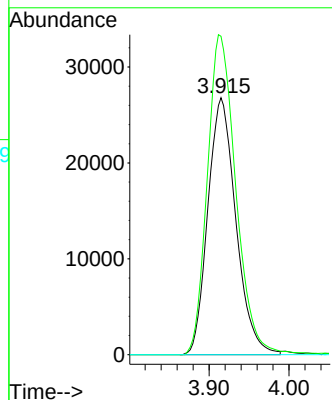
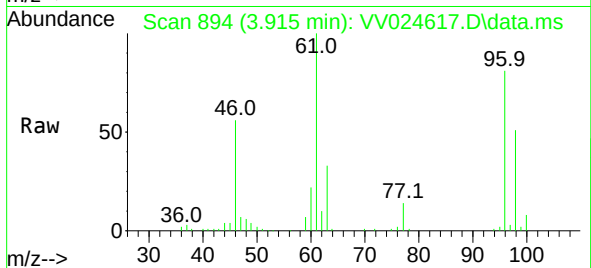
Tgt Ion: 96 Resp: 65215

Ion Ratio Lower Upper

96 100

61 123.9 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.710 ug/L

RT: 4.253 min Scan# 999

Delta R.T. 0.007 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

Tgt Ion:128 Resp: 24461

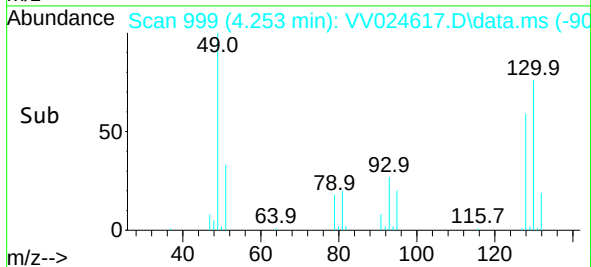
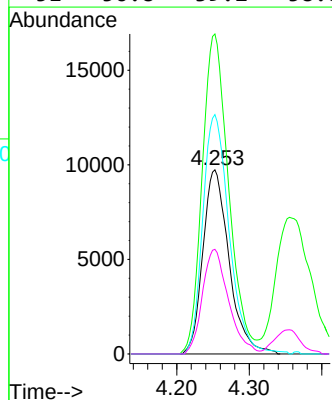
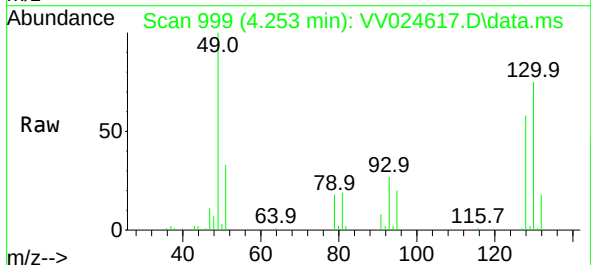
Ion Ratio Lower Upper

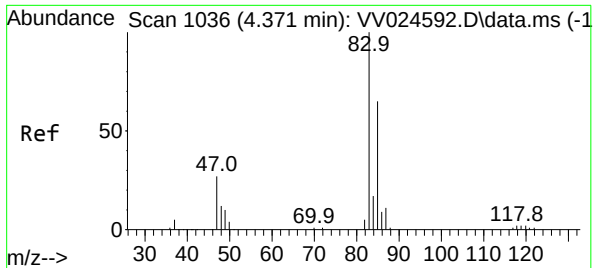
128 100

49 173.8 100.2 186.2

130 130.0 92.5 171.7

51 56.8 39.2 58.8

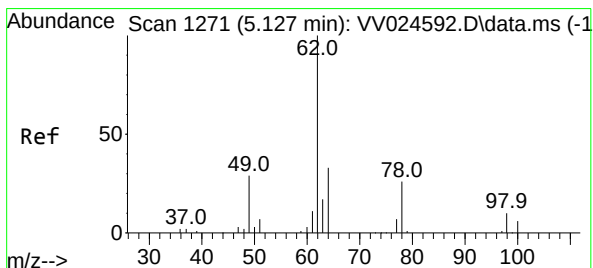
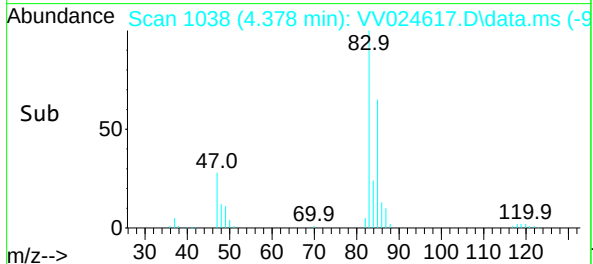
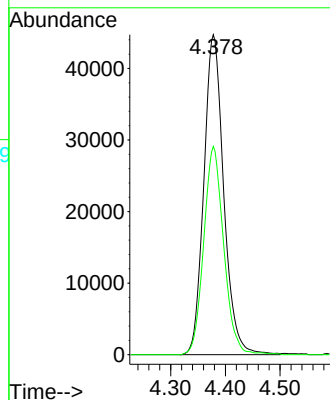
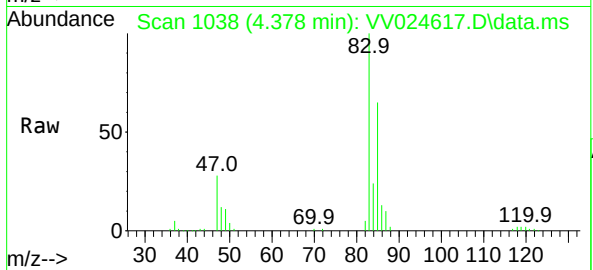




#25
Chloroform
Concen: 5.581 ug/L
RT: 4.378 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

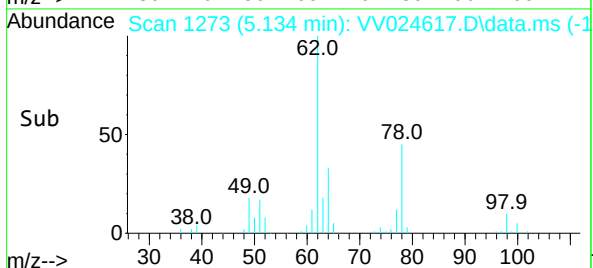
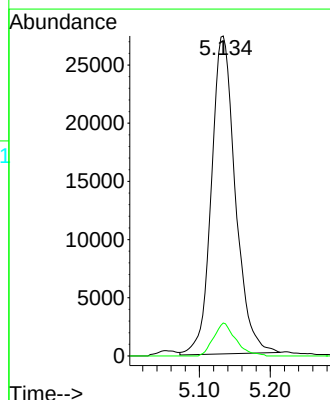
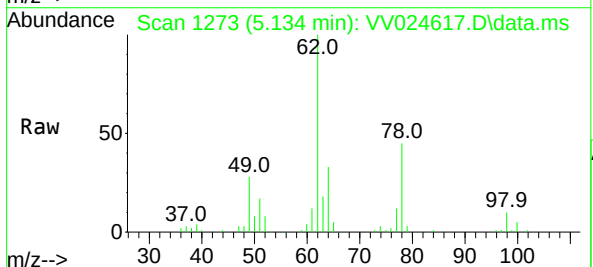
Instrument :
MSVOA_V
ClientSampleId :

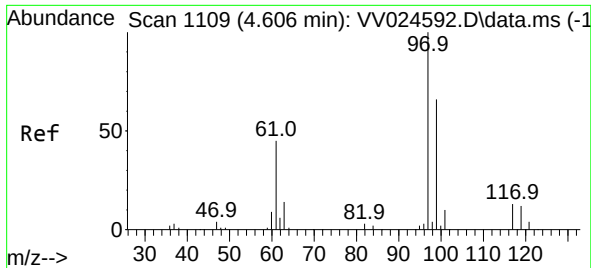
Tgt Ion: 83 Resp: 112889
Ion Ratio Lower Upper
83 100
85 65.1 45.2 84.0



#27
1,2-Dichloroethane
Concen: 5.795 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.007 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

Tgt Ion: 62 Resp: 64264
Ion Ratio Lower Upper
62 100
98 10.3 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.625 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

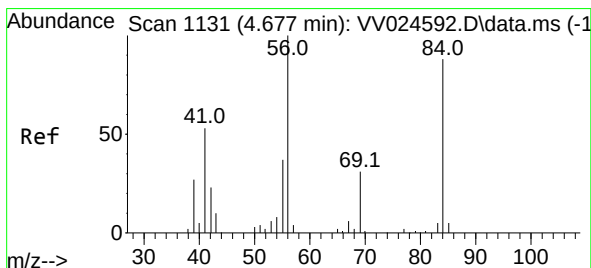
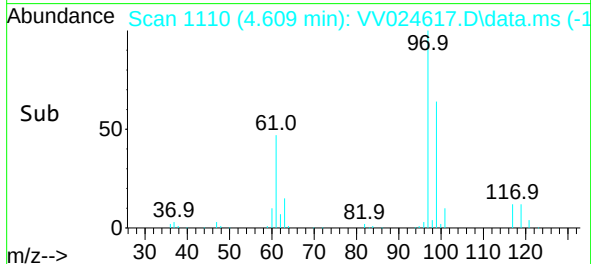
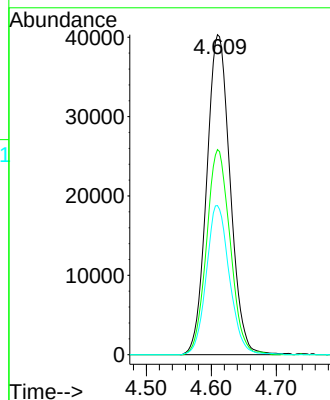
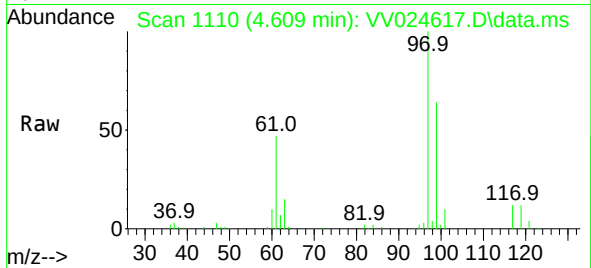
Tgt Ion: 97 Resp: 101224

Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

61 45.8 33.2 49.8



#30

Cyclohexane

Concen: 5.693 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

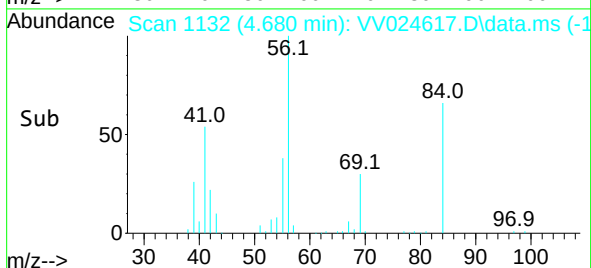
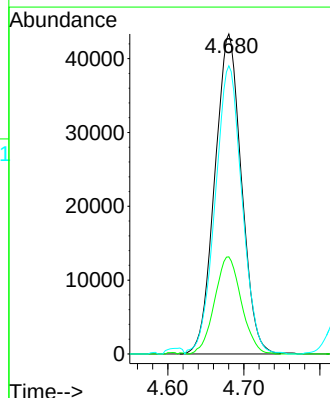
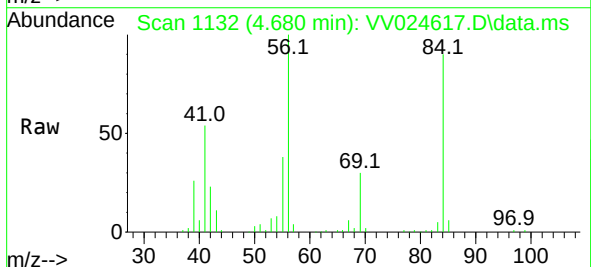
Tgt Ion: 56 Resp: 105548

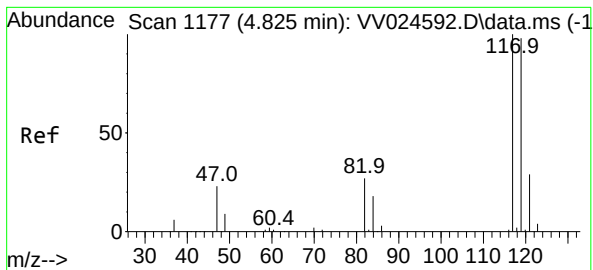
Ion Ratio Lower Upper

56 100

69 30.4 24.8 37.2

84 90.5 75.9 113.9





#31

Carbon tetrachloride

Concen: 5.593 ug/L

RT: 4.828 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

Instrument :

MSVOA_V

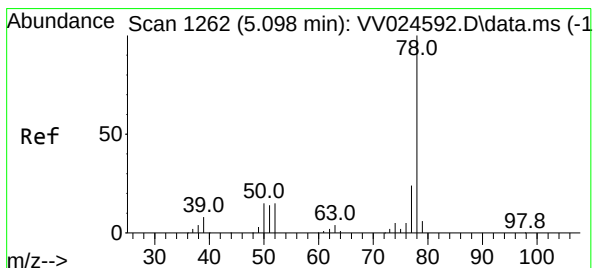
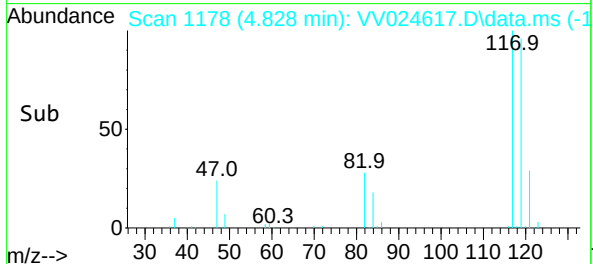
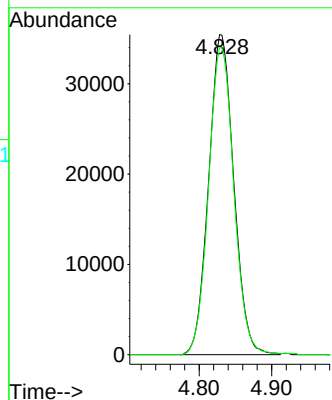
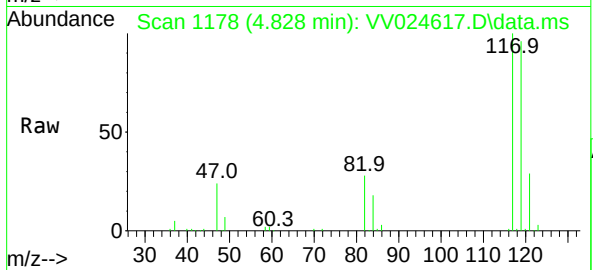
ClientSampleId :

Tgt Ion:117 Resp: 85243

Ion Ratio Lower Upper

117 100

119 96.7 76.6 114.8



#33

Benzene

Concen: 5.869 ug/L

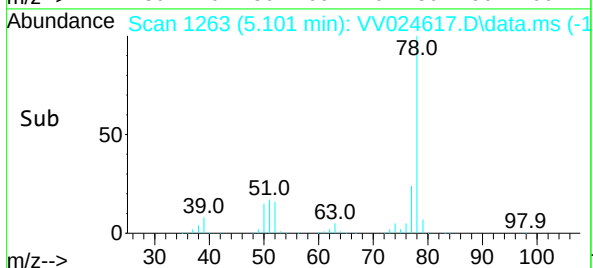
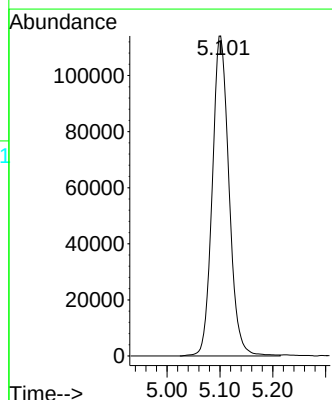
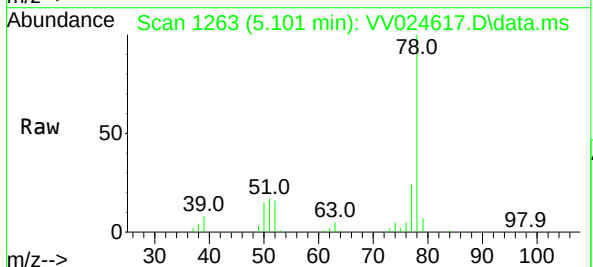
RT: 5.101 min Scan# 1263

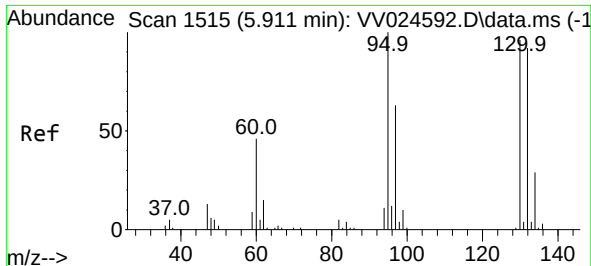
Delta R.T. 0.003 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

Tgt Ion: 78 Resp: 251250

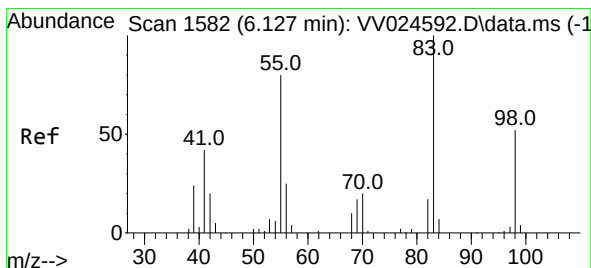
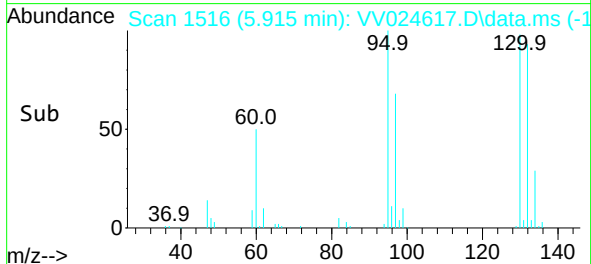
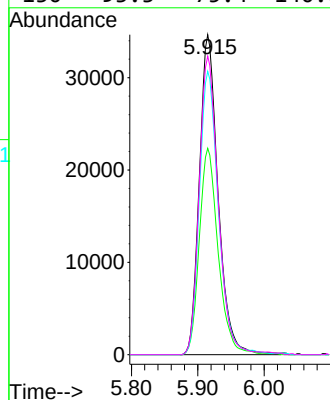
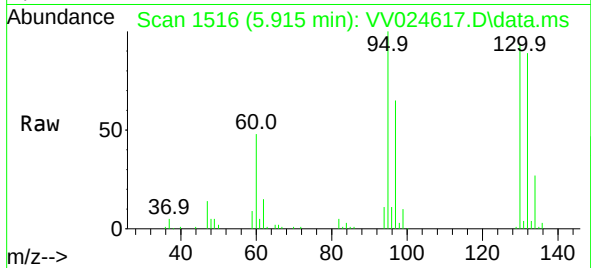




#34
Trichloroethene
Concen: 5.774 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

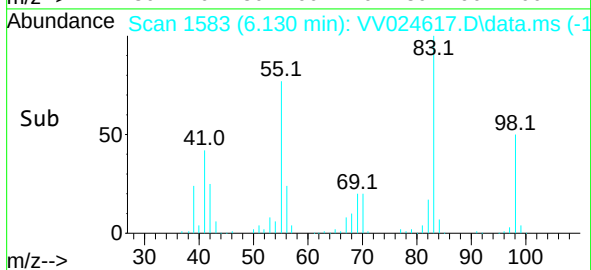
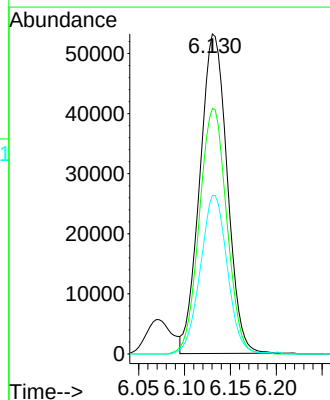
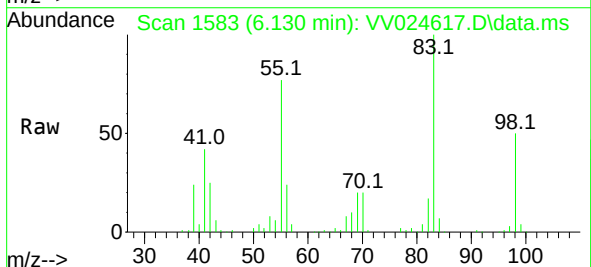
Instrument :
MSVOA_V
ClientSampleId :

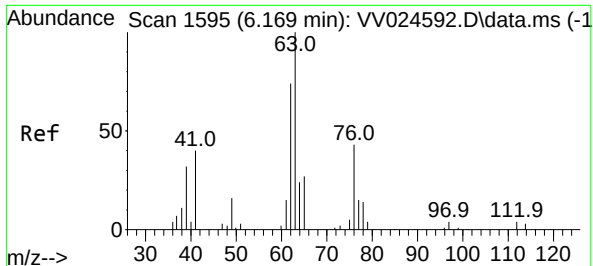
Tgt Ion: 95 Resp: 68072
Ion Ratio Lower Upper
95 100
97 64.5 45.2 84.0
132 88.6 76.1 141.3
130 93.3 75.4 140.0



#35
Methylcyclohexane
Concen: 5.665 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

Tgt Ion: 83 Resp: 110479
Ion Ratio Lower Upper
83 100
55 76.8 60.2 90.2
98 48.8 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.845 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

Instrument :

MSVOA_V

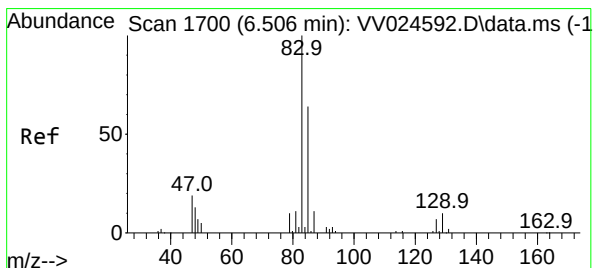
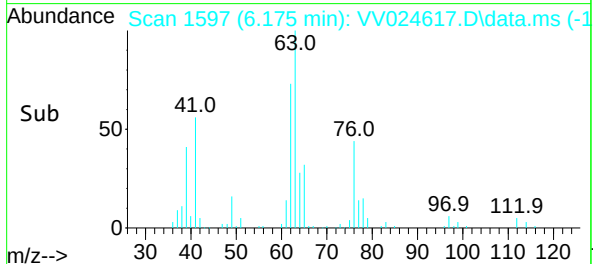
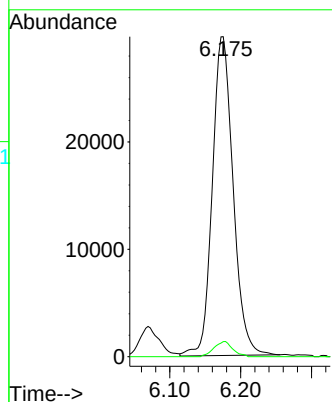
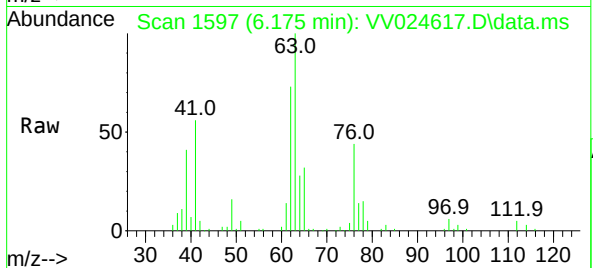
ClientSampleId :

Tgt Ion: 63 Resp: 60652

Ion Ratio Lower Upper

63 100

112 4.3 4.3 6.5#



#38

Bromodichloromethane

Concen: 5.656 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

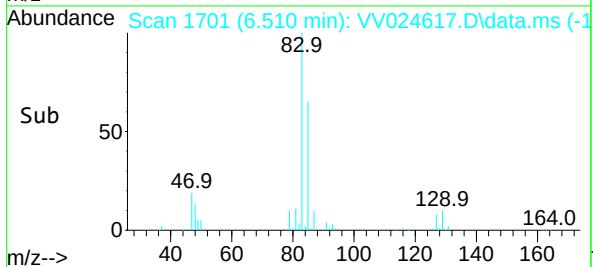
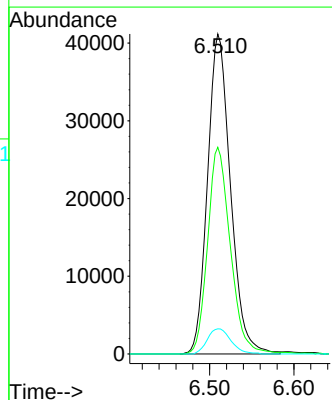
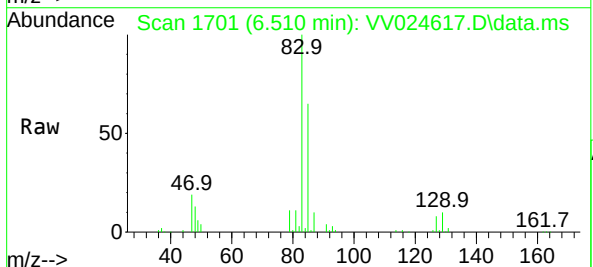
Tgt Ion: 83 Resp: 78002

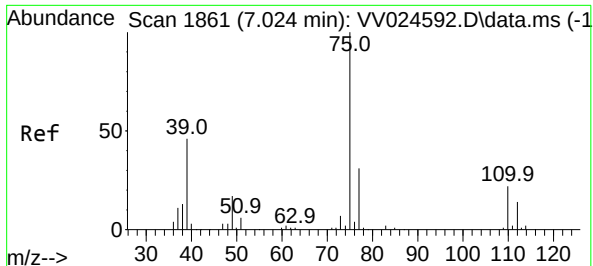
Ion Ratio Lower Upper

83 100

85 64.6 44.0 81.8

127 7.9 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 5.551 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

Instrument :

MSVOA_V

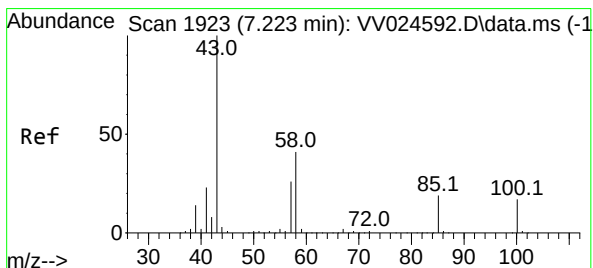
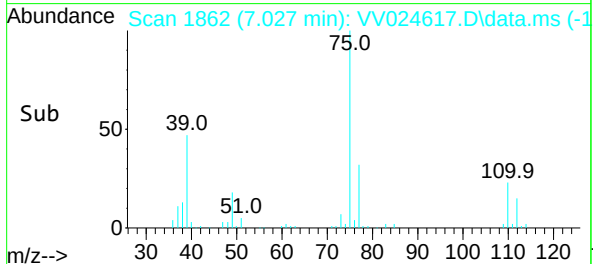
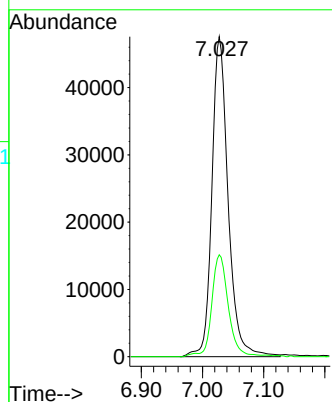
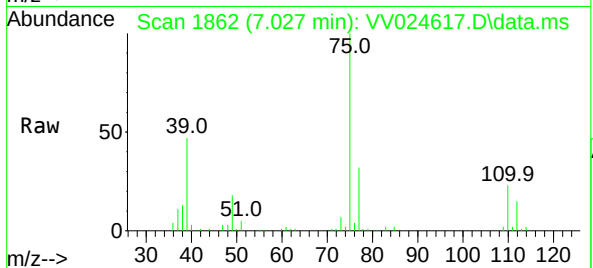
ClientSampleId :

Tgt Ion: 75 Resp: 87775

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 57.073 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

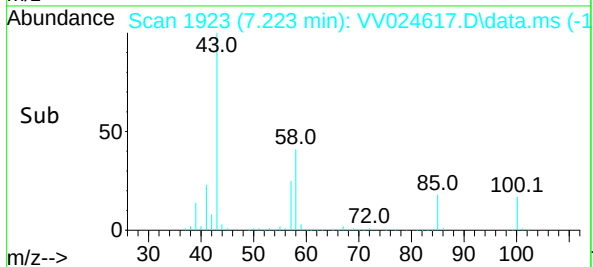
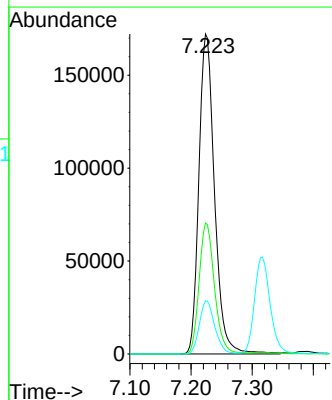
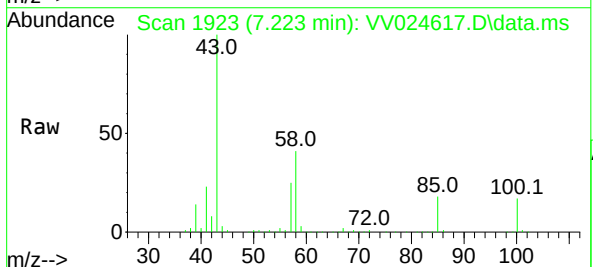
Tgt Ion: 43 Resp: 305626

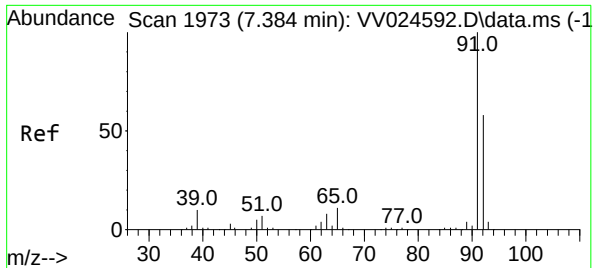
Ion Ratio Lower Upper

43 100

58 40.3 32.3 48.5

100 16.4 13.0 19.6





#42

Toluene

Concen: 5.818 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

Instrument :

MSVOA_V

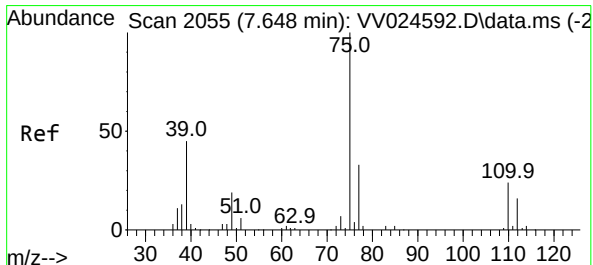
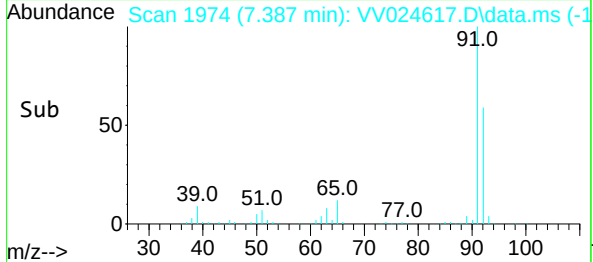
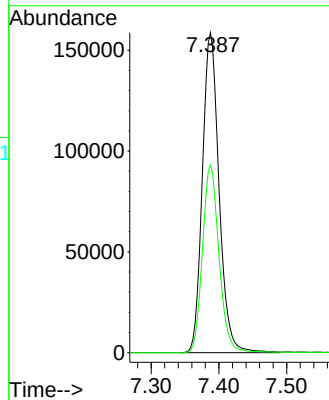
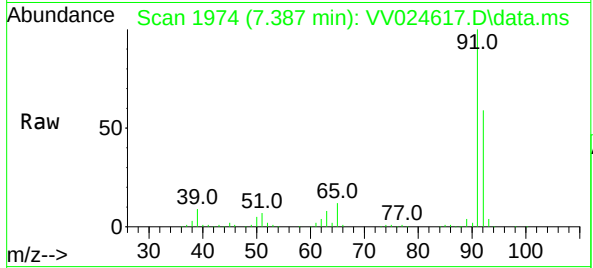
ClientSampleId :

Tgt Ion: 91 Resp: 271317

Ion Ratio Lower Upper

91 100

92 58.7 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.539 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV024617.D

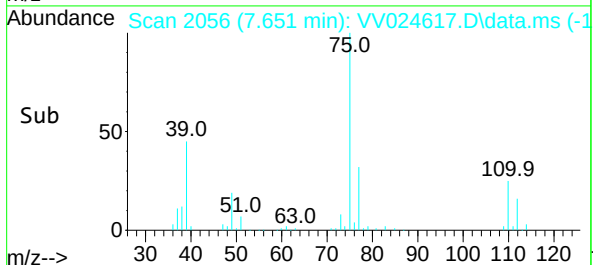
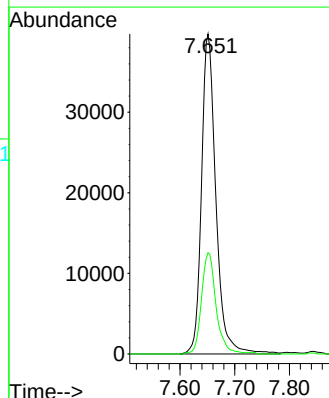
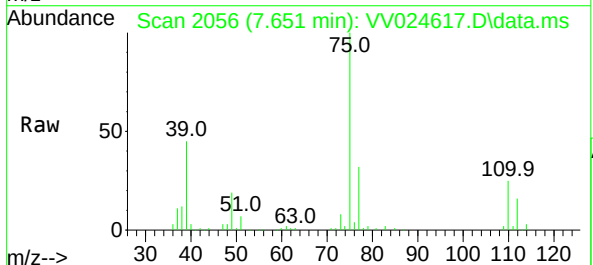
Acq: 11 Feb 2022 20:27

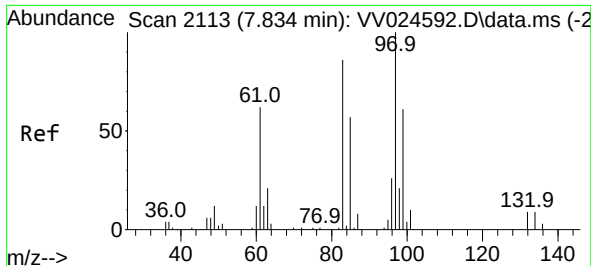
Tgt Ion: 75 Resp: 72348

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.720 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.007 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 38465

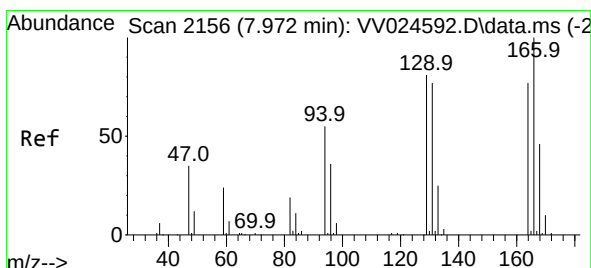
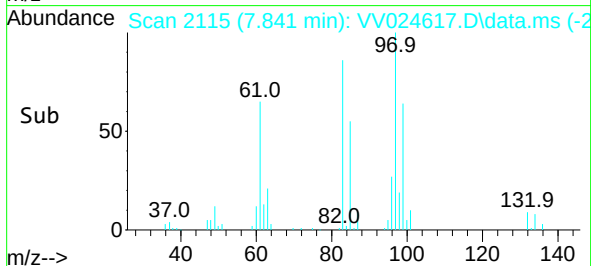
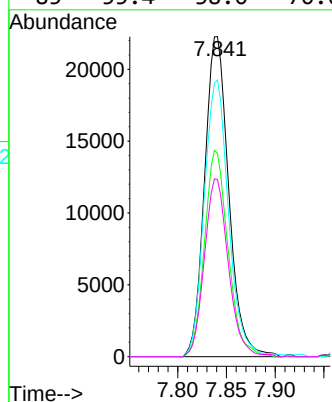
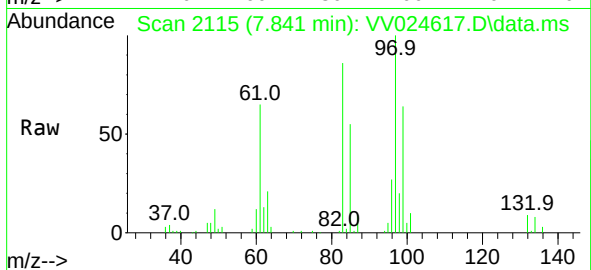
Ion Ratio Lower Upper

97 100

99 63.6 43.1 80.1

83 86.5 57.9 107.5

85 55.4 38.0 70.6



#47

Tetrachloroethene

Concen: 5.620 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

Tgt Ion:164 Resp: 43954

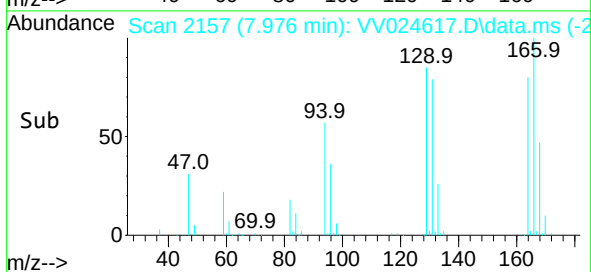
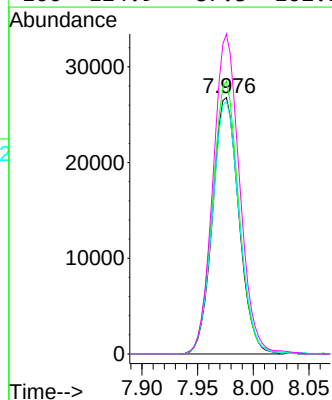
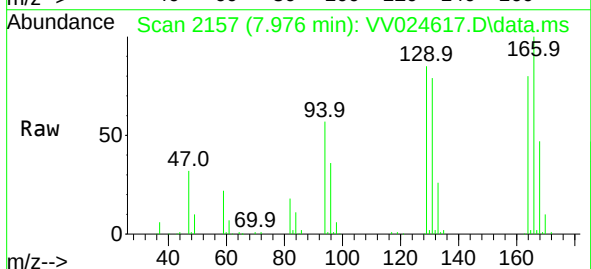
Ion Ratio Lower Upper

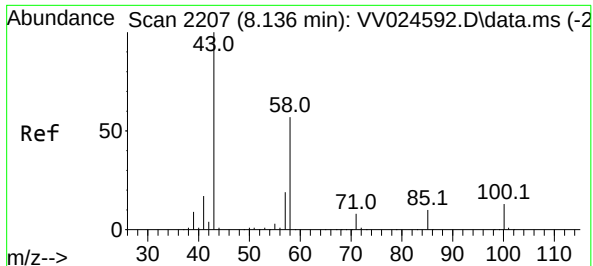
164 100

129 106.4 62.6 116.2

131 98.6 61.0 113.4

166 124.9 87.3 162.1

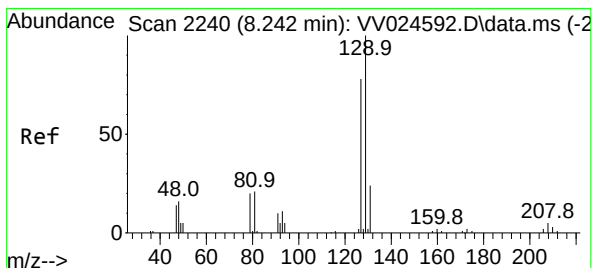
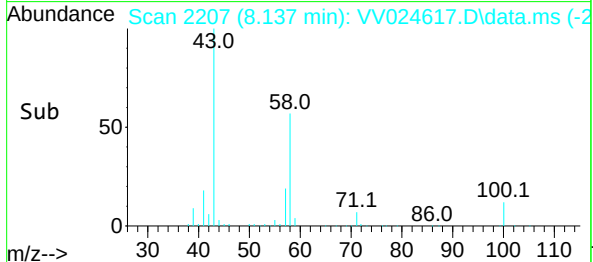
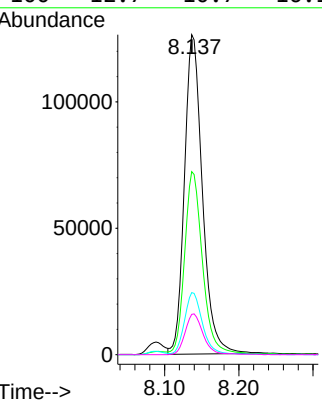
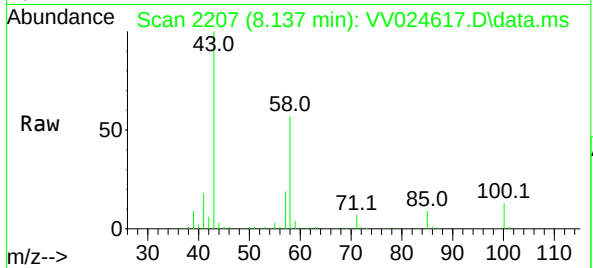




#48
2-Hexanone
Concen: 58.167 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

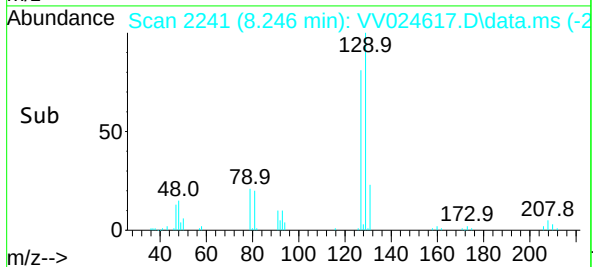
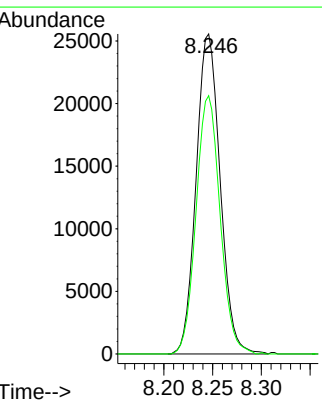
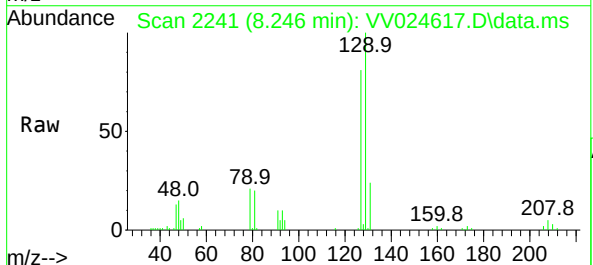
Instrument :
MSVOA_V
ClientSampleId :

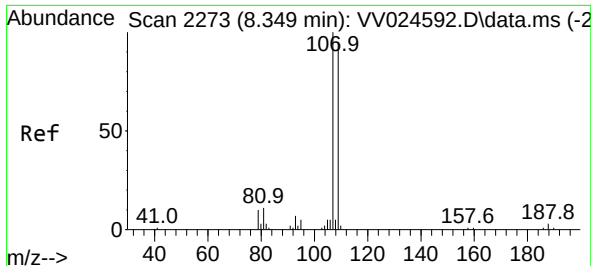
Tgt Ion: 43 Resp: 213219
Ion Ratio Lower Upper
43 100
58 56.8 44.5 66.7
57 19.2 15.1 22.7
100 12.7 10.7 16.1



#49
Dibromochloromethane
Concen: 5.401 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

Tgt Ion: 129 Resp: 43860
Ion Ratio Lower Upper
129 100
127 80.7 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.600 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024617.D

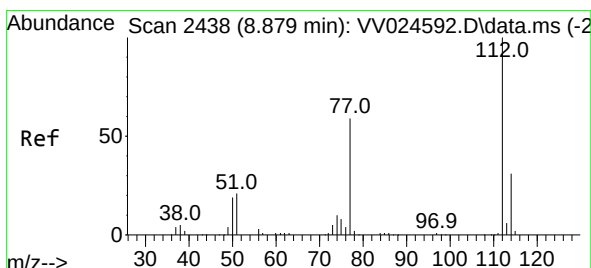
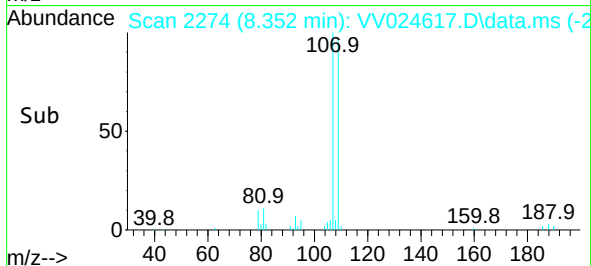
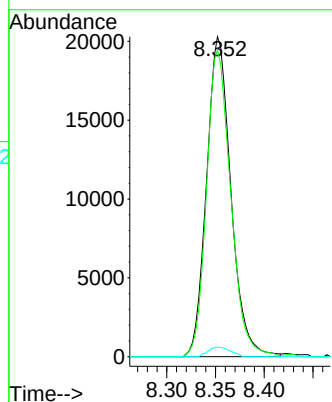
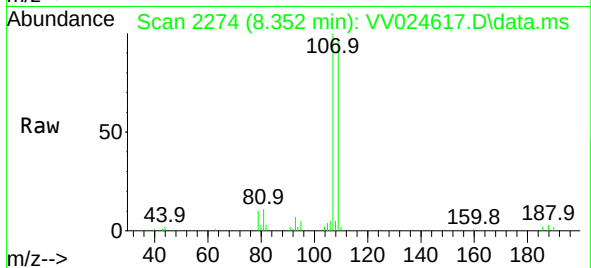
Acq: 11 Feb 2022 20:27

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	35345
Ion Ratio	Lower	Upper
107	100	
109	95.9	62.5 116.1
188	3.0	3.4 5.2#



#51

Chlorobenzene

Concen: 5.822 ug/L

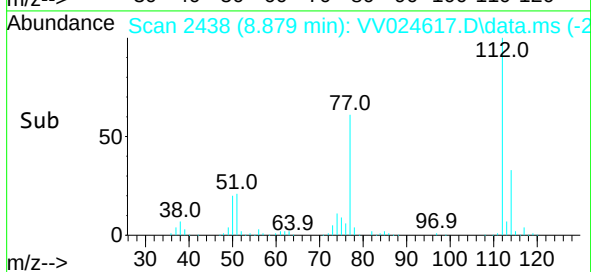
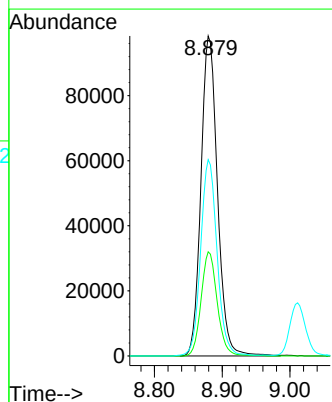
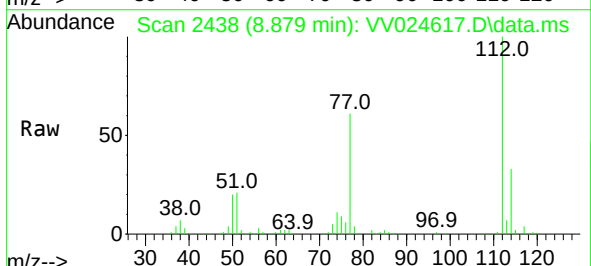
RT: 8.879 min Scan# 2438

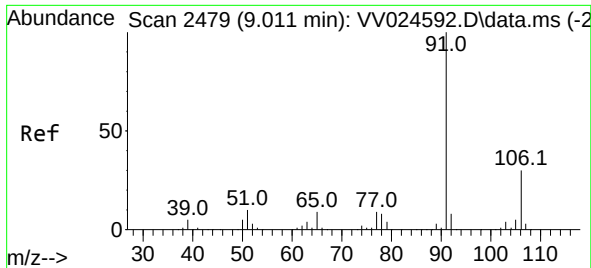
Delta R.T. 0.000 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

Tgt Ion:112	Resp:	166409
Ion Ratio	Lower	Upper
112	100	
114	32.5	23.3 43.3
77	61.3	43.3 64.9

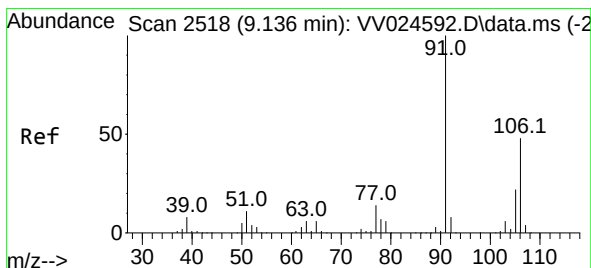
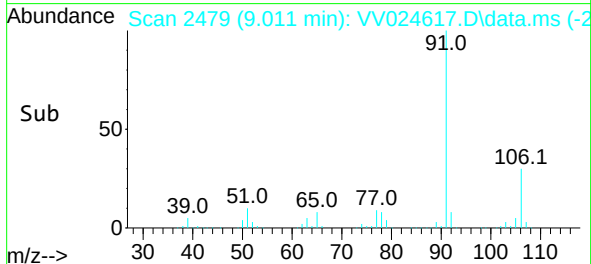
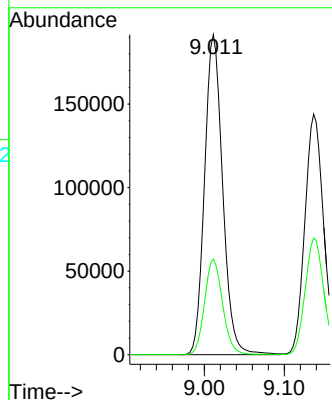
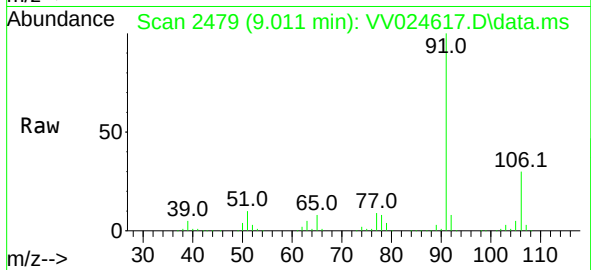




#52
Ethylbenzene
Concen: 5.819 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

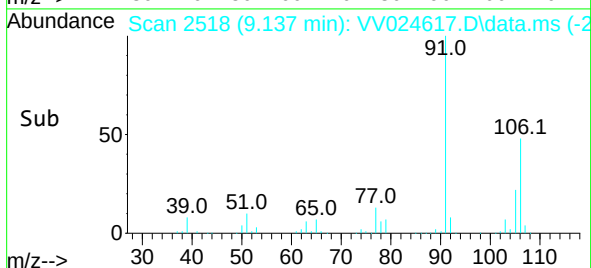
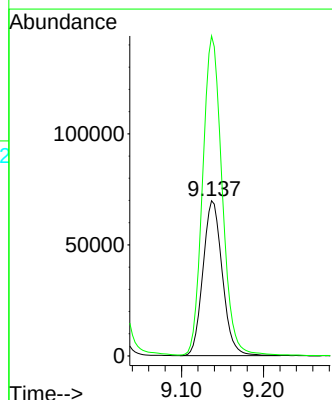
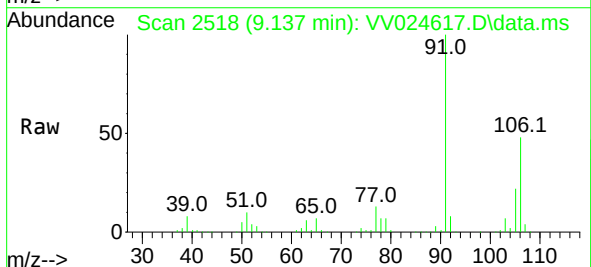
Instrument :
MSVOA_V
ClientSampleId :

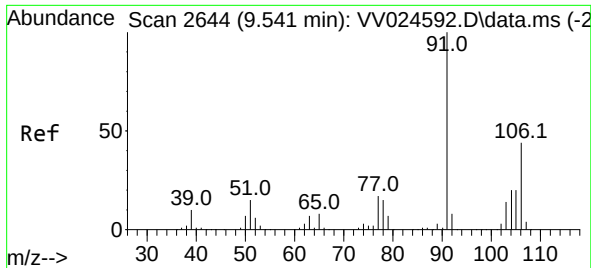
Tgt Ion: 91 Resp: 301959
Ion Ratio Lower Upper
91 100
106 29.9 22.0 41.0



#53
m,p-xylene
Concen: 5.803 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

Tgt Ion: 106 Resp: 114062
Ion Ratio Lower Upper
106 100
91 206.3 139.5 259.1

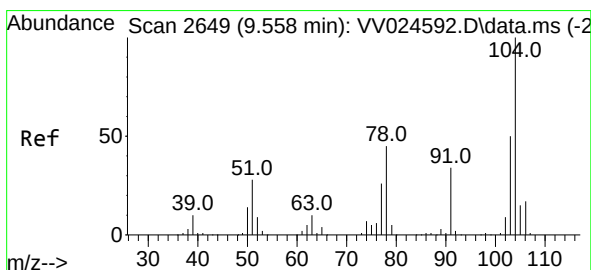
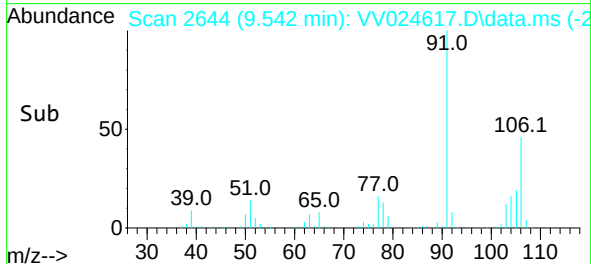
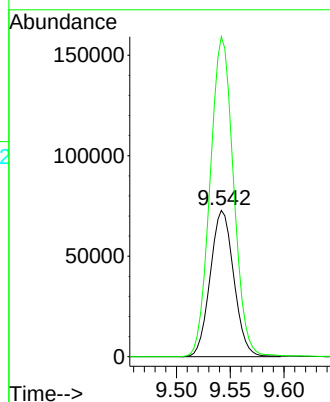
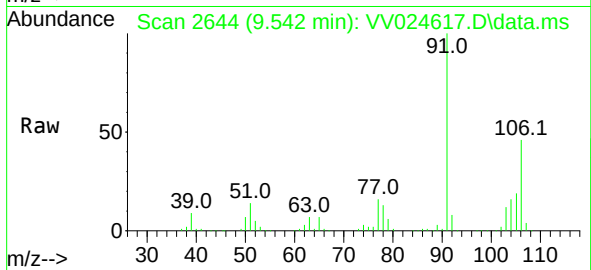




#54
o-xylene
Concen: 5.855 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

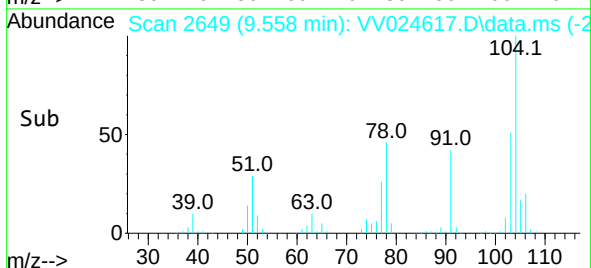
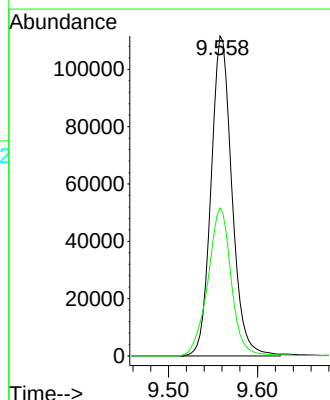
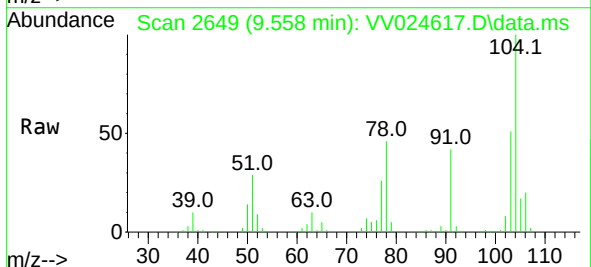
Instrument :
MSVOA_V
ClientSampleId :

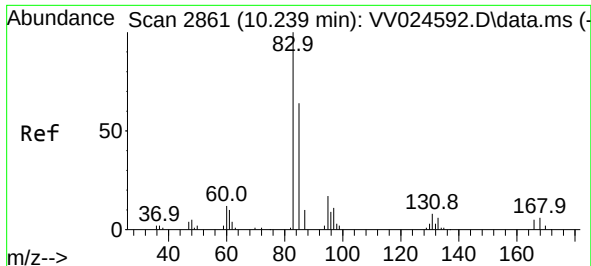
Tgt Ion:106 Resp: 110972
Ion Ratio Lower Upper
106 100
91 218.8 147.9 274.7



#55
Styrene
Concen: 5.838 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

Tgt Ion:104 Resp: 181644
Ion Ratio Lower Upper
104 100
78 46.2 31.0 57.6

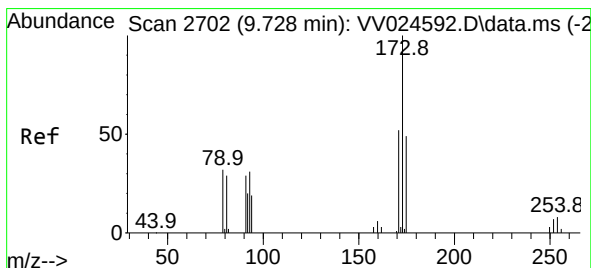
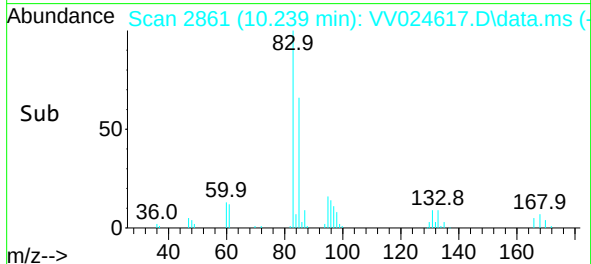
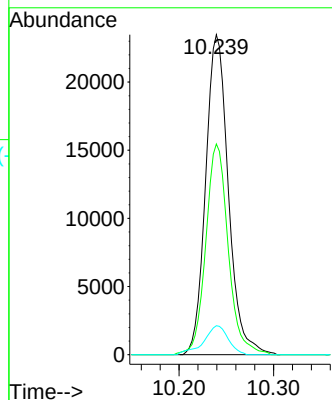
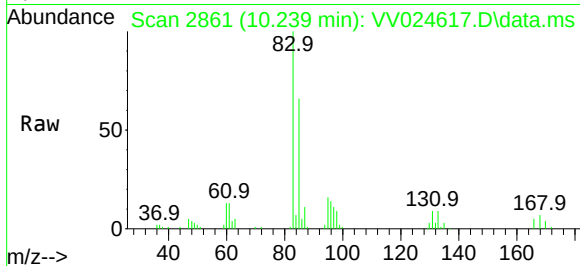




#57
1,1,2,2-Tetrachloroethane
Concen: 5.757 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

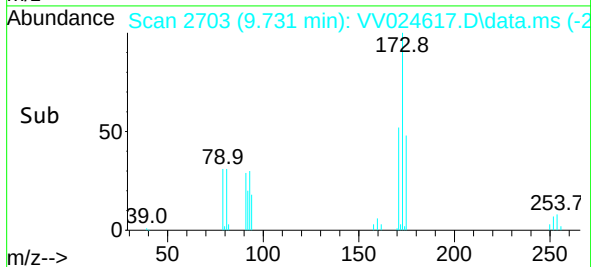
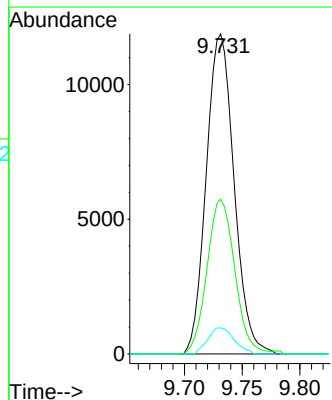
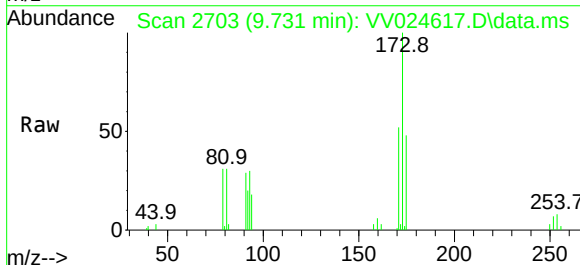
Instrument :
MSVOA_V
ClientSampleId :

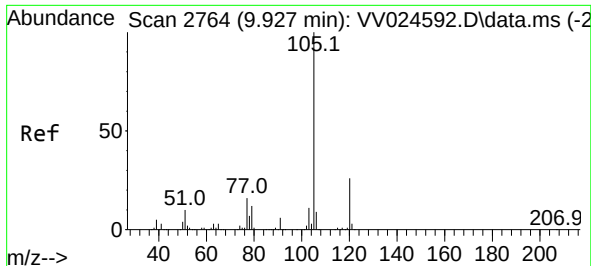
Tgt Ion: 83 Resp: 39212
Ion Ratio Lower Upper
83 100
85 65.8 44.6 82.8
131 9.0 8.3 12.5



#59
Bromoform
Concen: 5.493 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

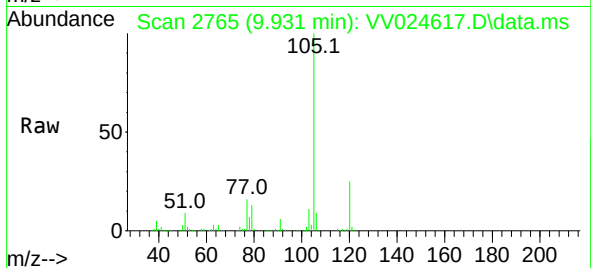
Tgt Ion: 173 Resp: 19909
Ion Ratio Lower Upper
173 100
175 48.2 39.4 59.2
254 7.7 7.4 11.0



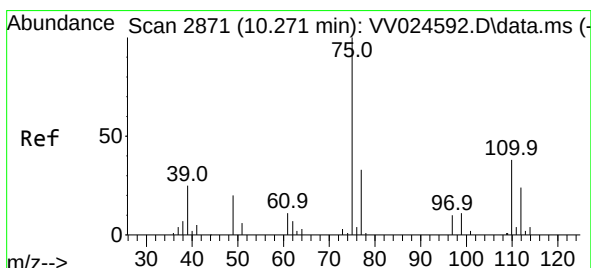
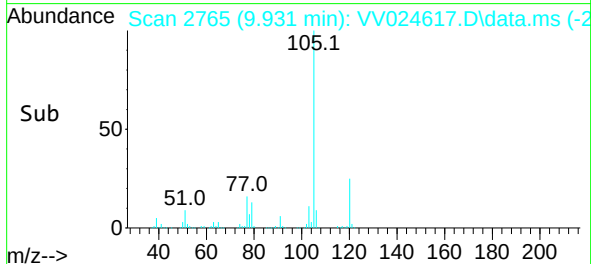
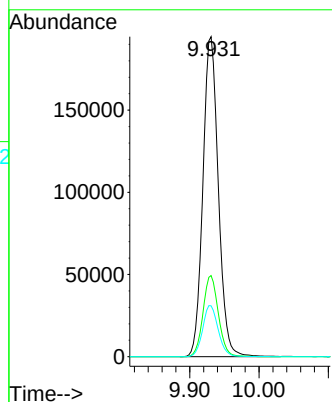


#60
Isopropylbenzene
Concen: 5.863 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

Instrument :
MSVOA_V
ClientSampleId :

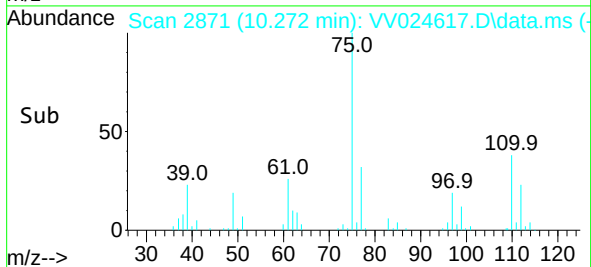
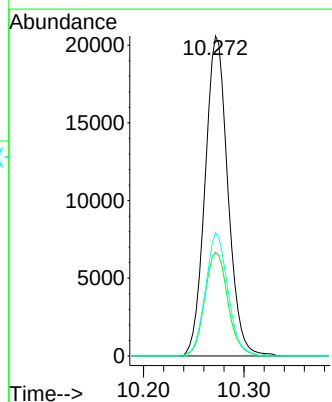
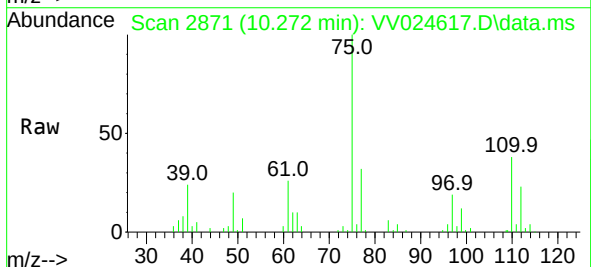


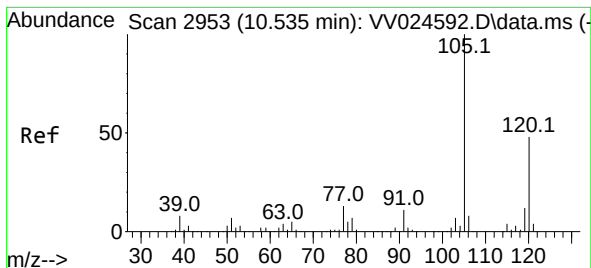
Tgt Ion:105 Resp: 301646
Ion Ratio Lower Upper
105 100
120 25.1 21.4 32.0
77 16.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.802 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

Tgt Ion: 75 Resp: 32444
Ion Ratio Lower Upper
75 100
77 32.8 26.4 39.6
110 37.8 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.778 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024617.D

Acq: 11 Feb 2022 20:27

Instrument :

MSVOA_V

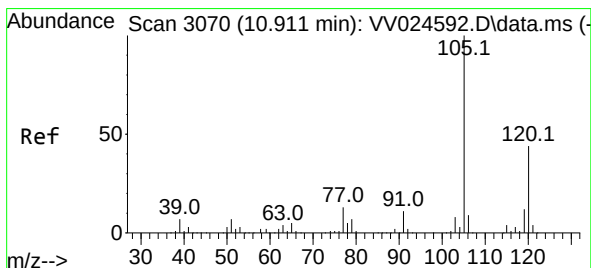
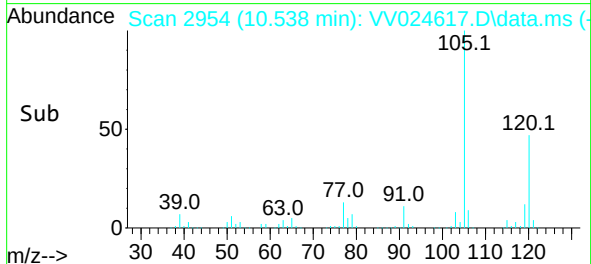
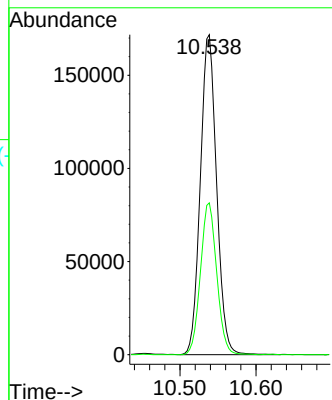
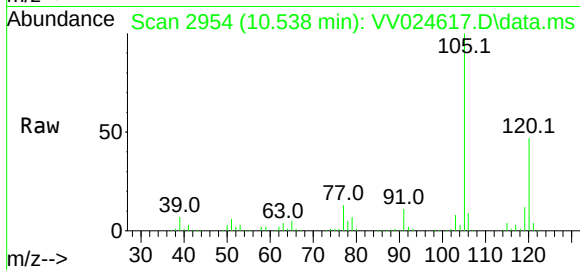
ClientSampleId :

Tgt Ion:105 Resp: 254554

Ion Ratio Lower Upper

105 100

120 47.4 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.872 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024617.D

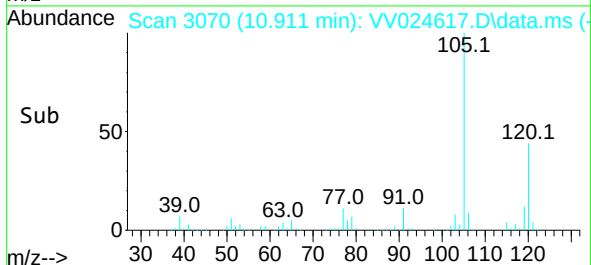
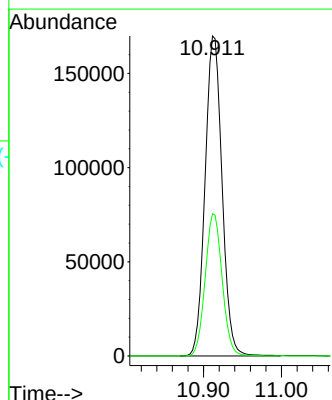
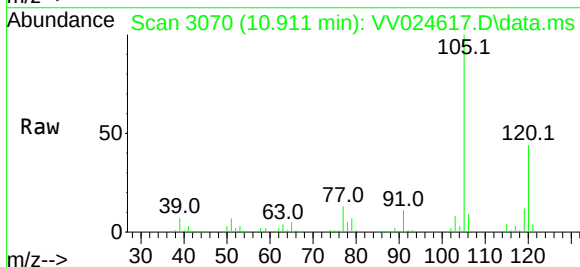
Acq: 11 Feb 2022 20:27

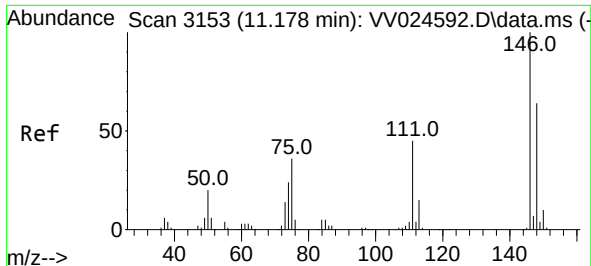
Tgt Ion:105 Resp: 257175

Ion Ratio Lower Upper

105 100

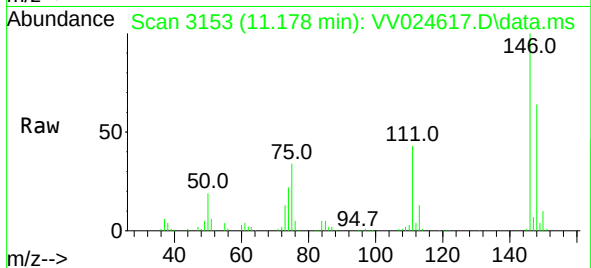
120 44.4 36.7 55.1



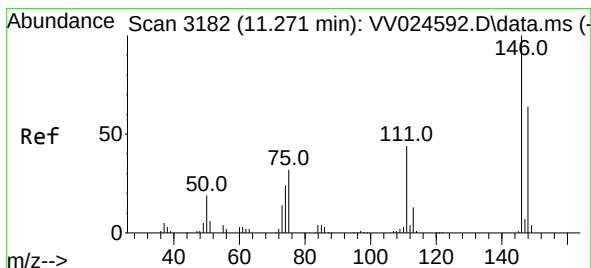
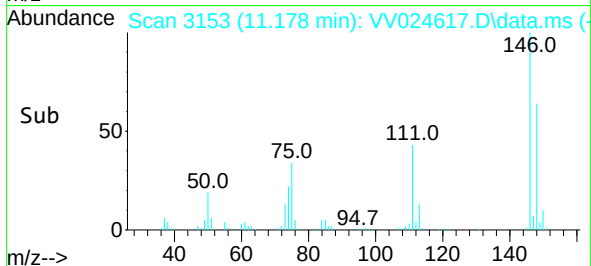
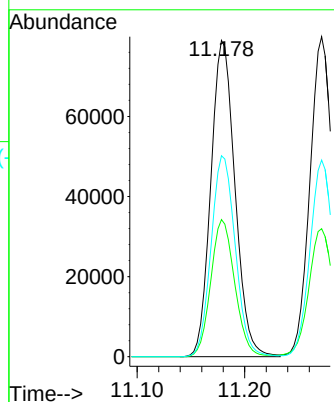


#64
1,3-Dichlorobenzene
Concen: 5.879 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

Instrument :
MSVOA_V
ClientSampleId :

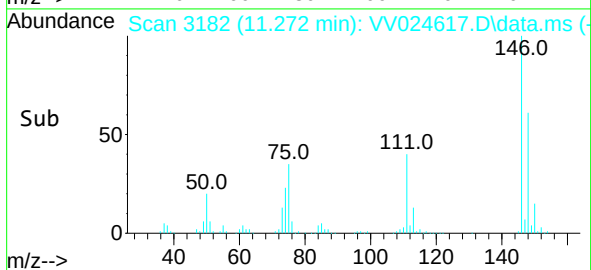
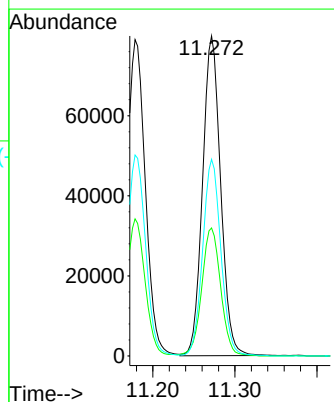
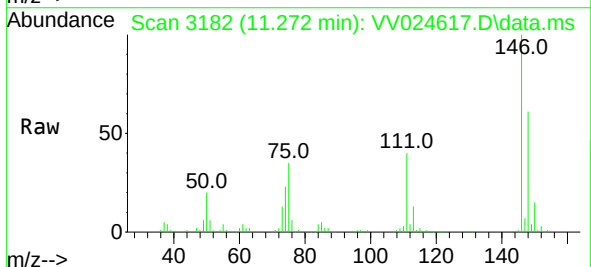


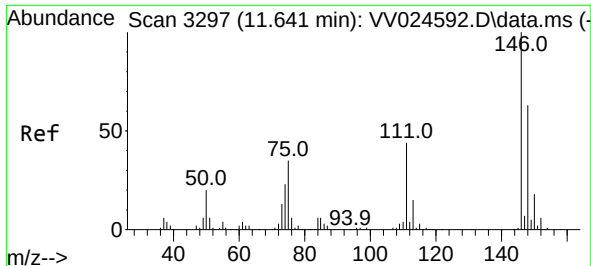
Tgt Ion:146 Resp: 123106
Ion Ratio Lower Upper
146 100
111 43.3 26.3 48.9
148 63.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.874 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

Tgt Ion:146 Resp: 122176
Ion Ratio Lower Upper
146 100
111 40.0 25.6 47.6
148 61.5 44.8 83.2

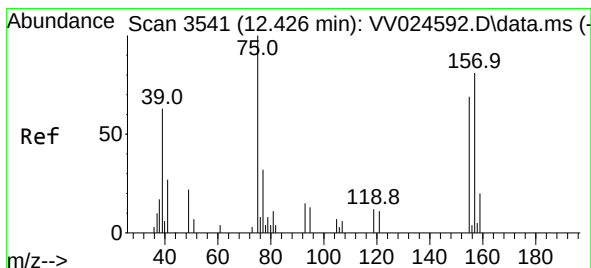
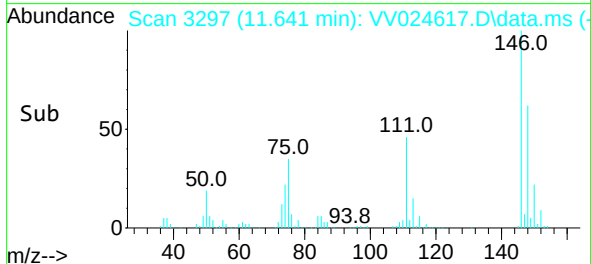
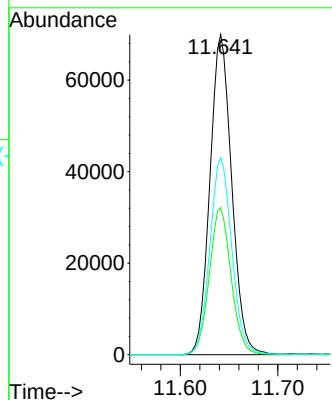
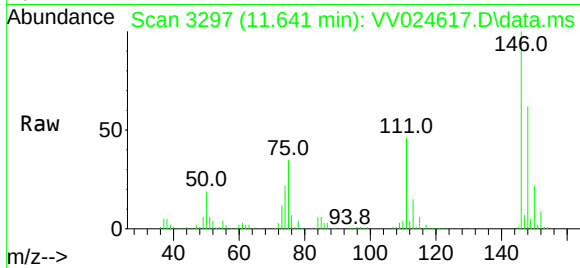




#67
1,2-Dichlorobenzene
Concen: 5.839 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

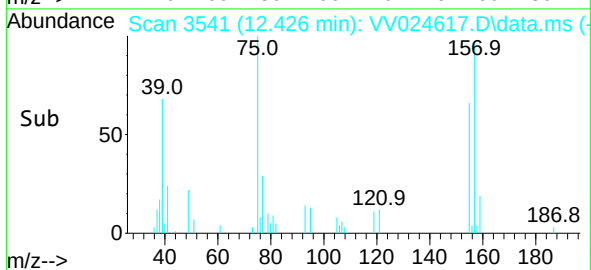
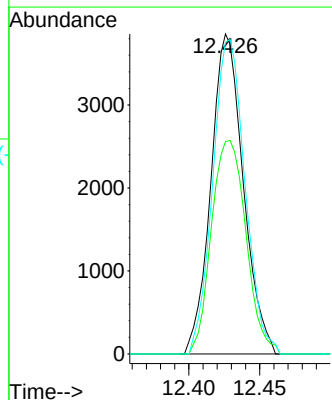
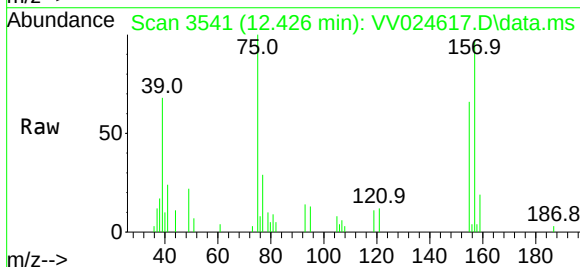
Instrument :
MSVOA_V
ClientSampleId :

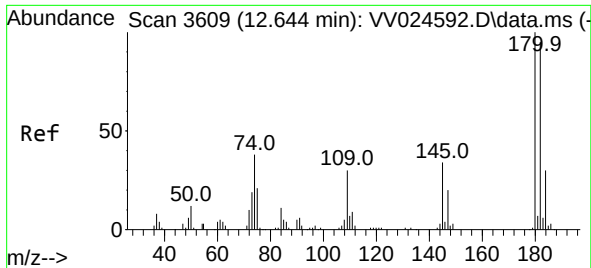
Tgt Ion:146 Resp: 108551
Ion Ratio Lower Upper
146 100
111 45.9 31.9 47.9
148 61.6 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.648 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

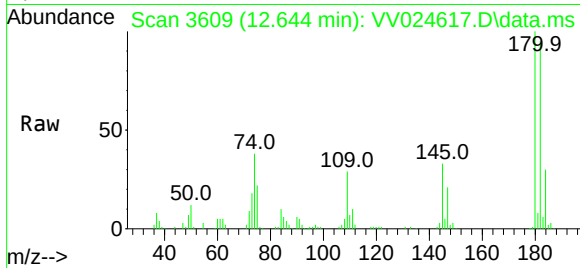
Tgt Ion: 75 Resp: 6134
Ion Ratio Lower Upper
75 100
155 66.4 71.7 107.5#
157 97.4 103.3 154.9#



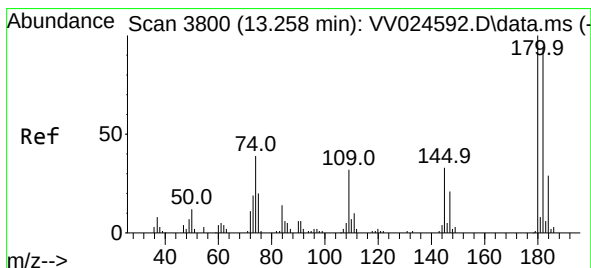
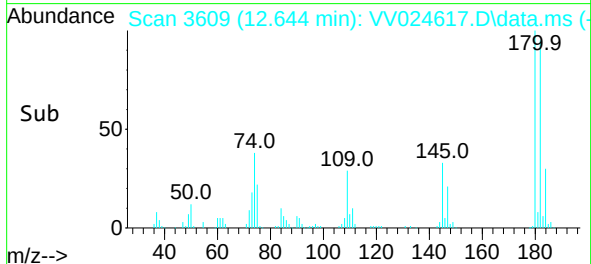
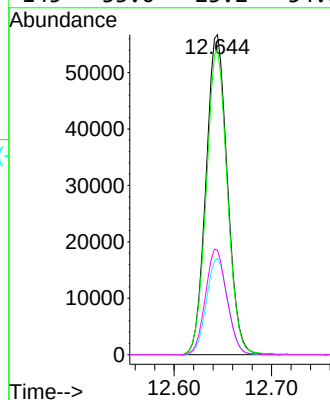


#69
 1,3,5-Trichlorobenzene
 Concen: 5.802 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV024617.D
 Acq: 11 Feb 2022 20:27

Instrument :
 MSVOA_V
 ClientSampleId :

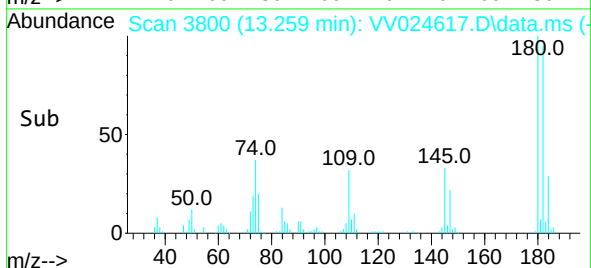
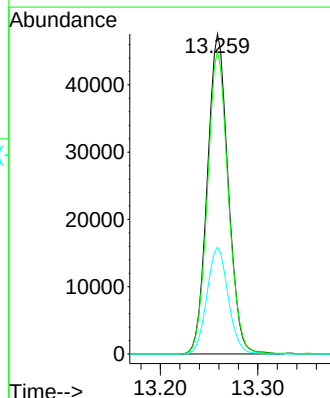
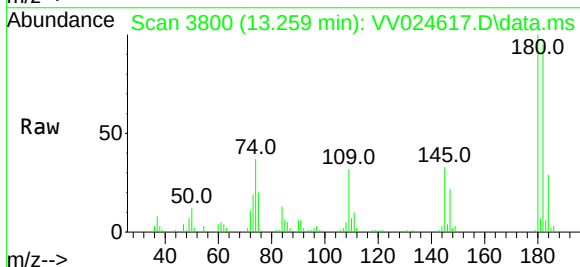


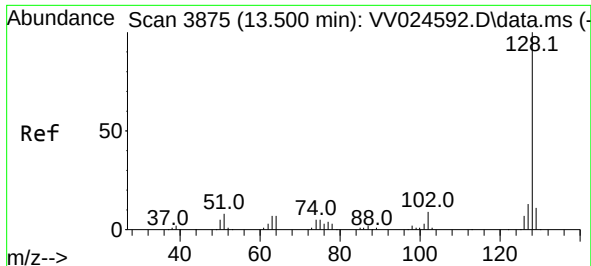
Tgt Ion:180 Resp: 86444
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.4 114.6
 184 30.1 24.2 36.4
 145 33.0 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.862 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV024617.D
 Acq: 11 Feb 2022 20:27

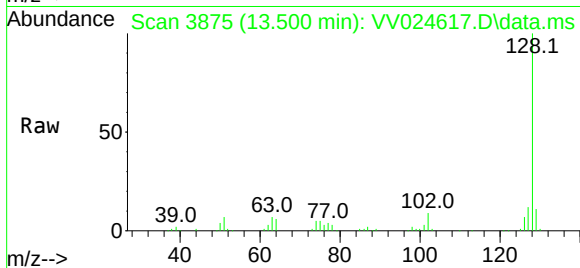
Tgt Ion:180 Resp: 70523
 Ion Ratio Lower Upper
 180 100
 182 94.9 74.4 111.6
 145 34.0 23.3 34.9



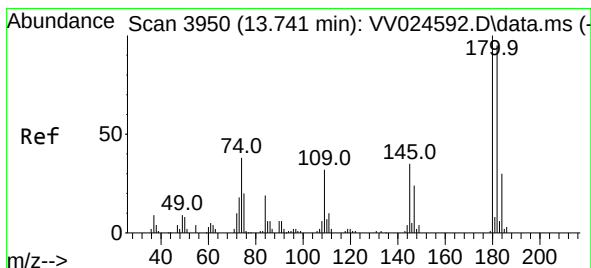
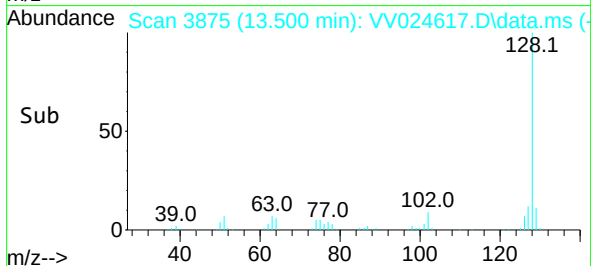
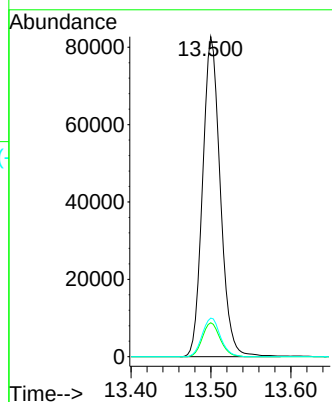


#71
Naphthalene
Concen: 5.849 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 127448
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 12.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.722 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024617.D
Acq: 11 Feb 2022 20:27

Tgt Ion:180 Resp: 57899
Ion Ratio Lower Upper
180 100
182 96.8 76.8 115.2
145 36.7 25.8 38.6

