

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022422\
 Data File : VW024821.D
 Acq On : 24 Feb 2022 16:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 25 03:30:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 25 03:28:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	181715	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	167096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77146	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	78590	5.099	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.568	69	65110	5.149	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.000%
11) 1,1-Dichloroethene-d2	2.108	63	136001	4.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	3.889	46	124601	56.597	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.200%
24) Chloroform-d	4.346	84	131205	5.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	5.027	65	57002	5.317	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.047	84	273257	5.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.400%
36) 1,2-Dichloropropane-d6	6.066	67	78820	5.556	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.200%
41) Toluene-d8	7.313	98	244893	5.591	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.800%
43) trans-1,3-Dichloroprop...	7.619	79	27040	5.722	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.400%
46) 2-Hexanone-d5	8.085	63	97695	52.537	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.080%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46746	5.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	71890	5.386	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	82629	4.663	ug/L	99
3) Chloromethane	1.243	50	82166	4.642	ug/L	99
5) Vinyl chloride	1.310	62	89006	4.581	ug/L	99
6) Bromomethane	1.523	94	48322	4.163	ug/L	100
8) Chloroethane	1.584	64	55673	4.652	ug/L	98
9) Trichlorofluoromethane	1.754	101	118801	4.657	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	66300	4.476	ug/L	99
12) 1,1-Dichloroethene	2.117	96	65864	4.654	ug/L	94
13) Acetone	2.182	43	73893	47.595	ug/L	92
14) Carbon disulfide	2.294	76	187744	4.727	ug/L	100
15) Methyl Acetate	2.436	43	20022	4.926	ug/L	97
16) Methylene chloride	2.506	84	70887	5.087	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	142960	5.139	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	70840	5.126	ug/L	100
19) 1,1-Dichloroethane	3.188	63	132760	5.246	ug/L	99
21) 2-Butanone	3.969	43	126090	52.555	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	78011	5.340	ug/L	92
23) Bromochloromethane	4.246	128	29882	5.292	ug/L	89
25) Chloroform	4.371	83	133657	5.056	ug/L	99

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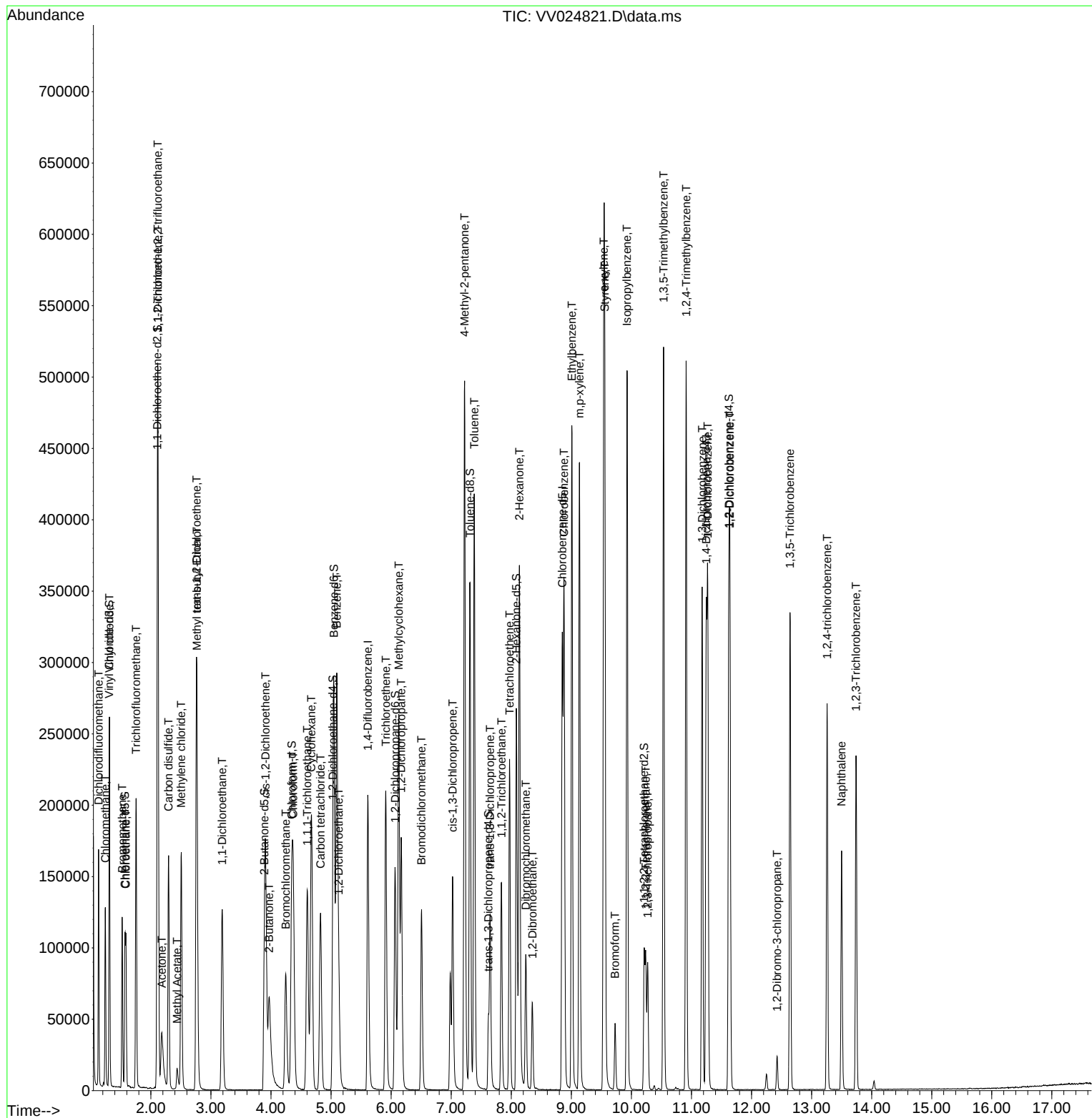
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	68511	4.855	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	115748	5.161	ug/L	98
30) Cyclohexane	4.670	56	111258	4.891	ug/L	98
31) Carbon tetrachloride	4.825	117	95112	5.045	ug/L	99
33) Benzene	5.095	78	296346	5.238	ug/L	100
34) Trichloroethene	5.911	95	77450	5.168	ug/L	96
35) Methylcyclohexane	6.127	83	115376	4.765	ug/L	99
37) 1,2-Dichloropropane	6.169	63	71884	5.378	ug/L	100
38) Bromodichloromethane	6.506	83	87523	5.202	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	95831	5.169	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	326602	51.368	ug/L	98
42) Toluene	7.384	91	307974	5.113	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	74454	5.026	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	46003	5.290	ug/L	99
47) Tetrachloroethene	7.972	164	49240	4.825	ug/L	98
48) 2-Hexanone	8.136	43	227178	50.818	ug/L	96
49) Dibromochloromethane	8.243	129	48527	5.029	ug/L	97
50) 1,2-Dibromoethane	8.352	107	41221	5.195	ug/L	99
51) Chlorobenzene	8.879	112	189720	5.035	ug/L	98
52) Ethylbenzene	9.008	91	332368	5.056	ug/L	99
53) m,p-xylene	9.136	106	126265	5.081	ug/L	98
54) o-xylene	9.542	106	125593	5.172	ug/L	98
55) Styrene	9.558	104	205376	5.199	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	47392	5.153	ug/L	98
59) Bromoform	9.728	173	19763	5.061	ug/L #	94
60) Isopropylbenzene	9.927	105	331198	5.190	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	36471	5.217	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	276412	5.196	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	275767	5.223	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	137001	5.091	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	135395	5.037	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	123312	5.194	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6237	5.218	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	95589	5.009	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	74982	4.987	ug/L	100
71) Naphthalene	13.500	128	128602	5.030	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	64007	5.087	ug/L	100

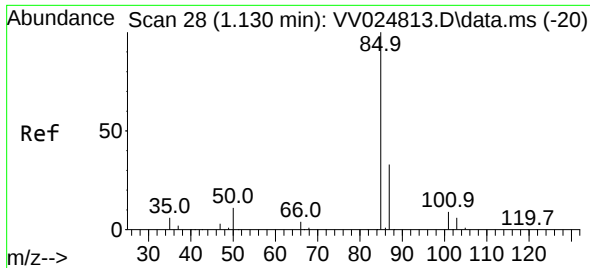
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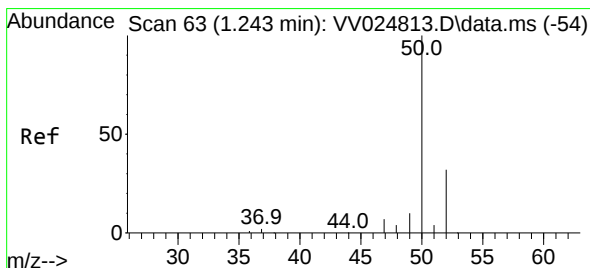
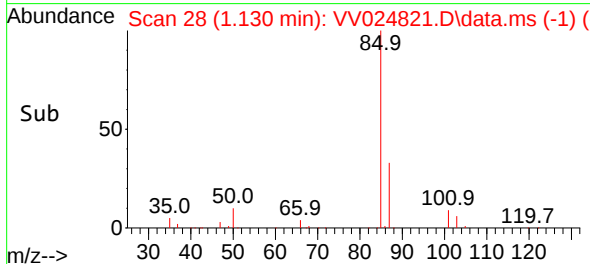
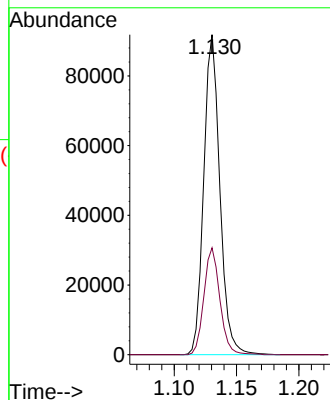
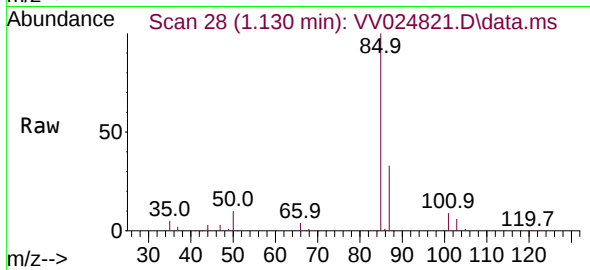




#2
 Dichlorodifluoromethane
 Concen: 4.663 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024821.D
 Acq: 24 Feb 2022 16:08

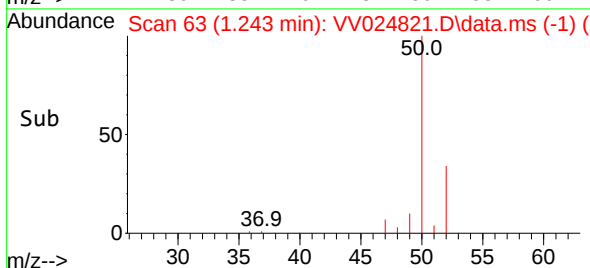
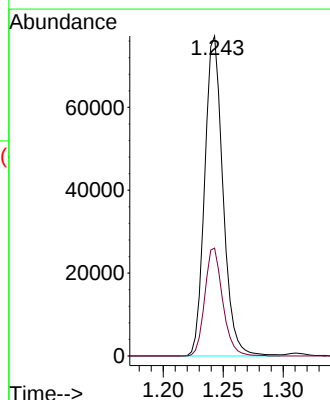
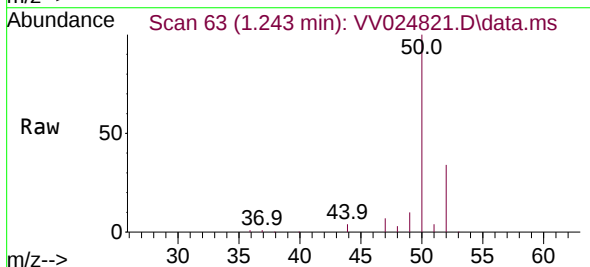
Instrument :
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 ClientSampleId :

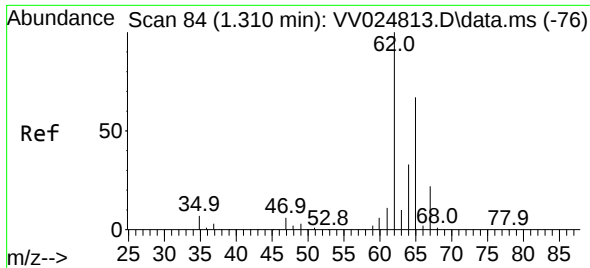
Tgt Ion: 85 Resp: 82629
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.9 38.9



#3
 Chloromethane
 Concen: 4.642 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024821.D
 Acq: 24 Feb 2022 16:08

Tgt Ion: 50 Resp: 82166
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.3 43.3

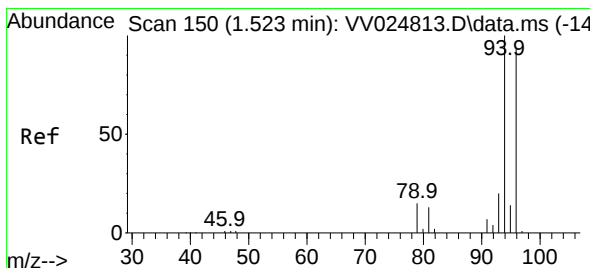
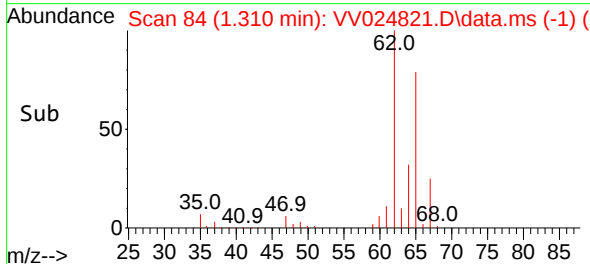
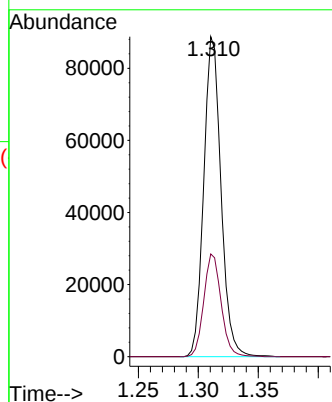
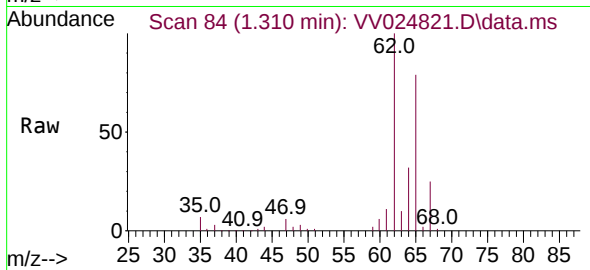




#5
 Vinyl chloride
 Concen: 4.581 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024821.D
 Acq: 24 Feb 2022 16:08

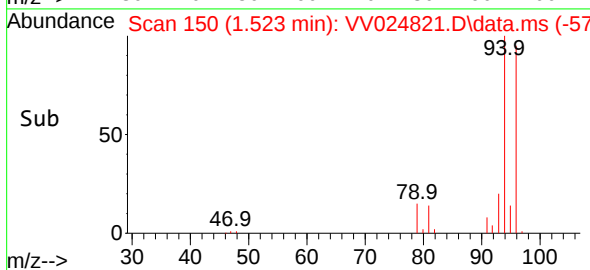
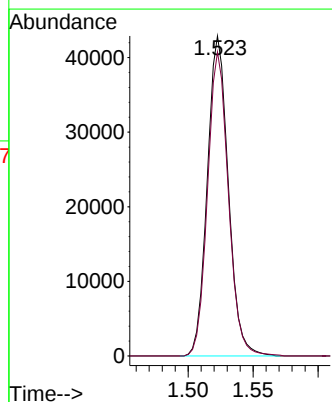
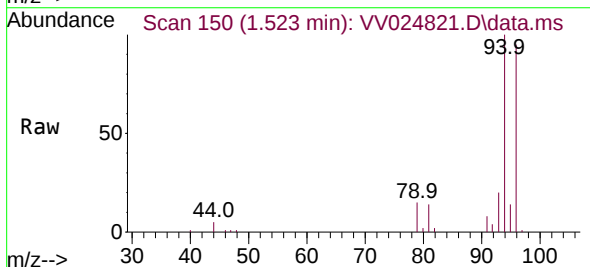
Instrument :
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 ClientSampleId :

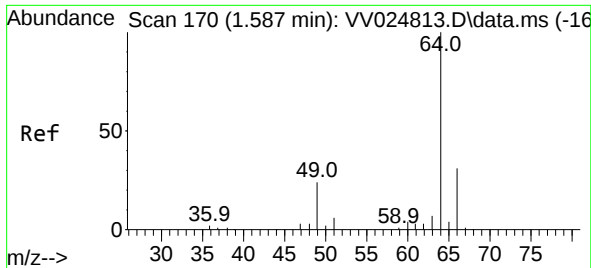
Tgt Ion: 62 Resp: 89006
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.2 41.2



#6
 Bromomethane
 Concen: 4.163 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024821.D
 Acq: 24 Feb 2022 16:08

Tgt Ion: 94 Resp: 48322
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.5 123.5

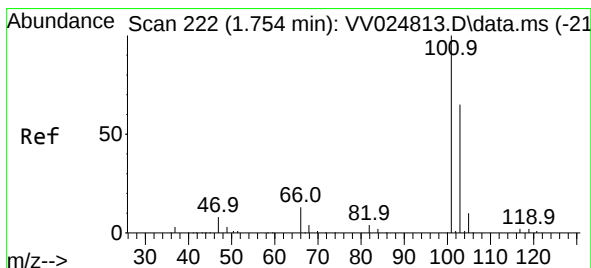
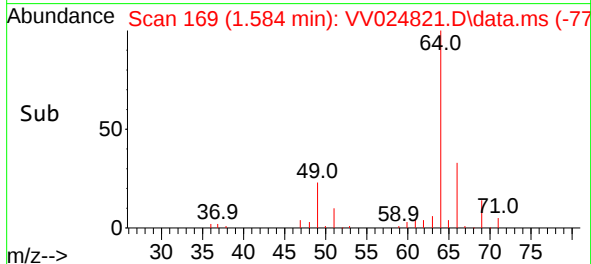
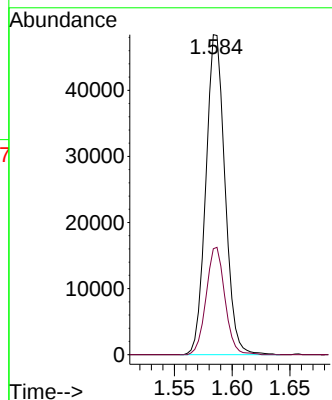
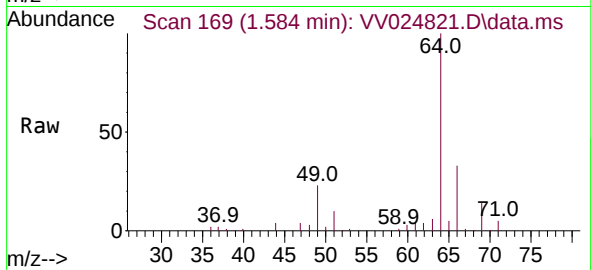




#8
Chloroethane
Concen: 4.652 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

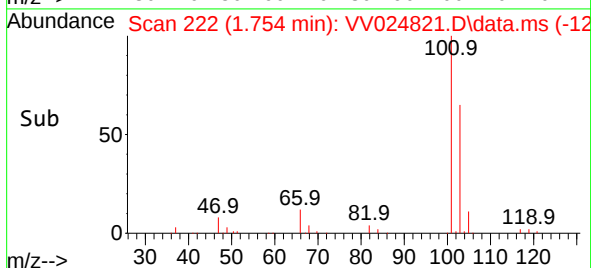
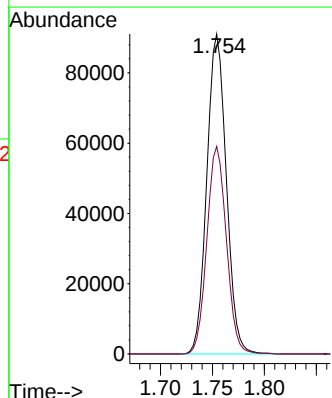
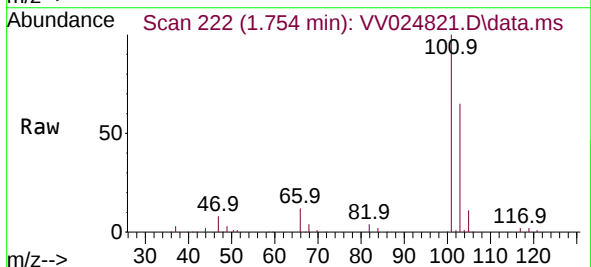
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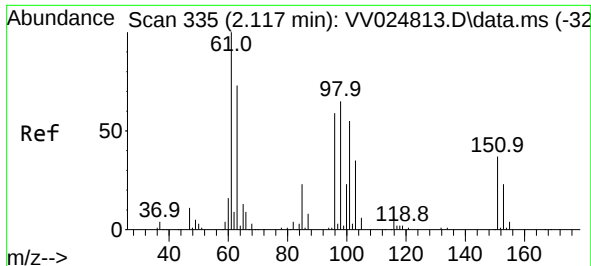
Tgt Ion: 64 Resp: 55673
Ion Ratio Lower Upper
64 100
66 33.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 4.657 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

Tgt Ion:101 Resp: 118801
Ion Ratio Lower Upper
101 100
103 64.9 50.7 76.1





#10

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

Concen: 4.476 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

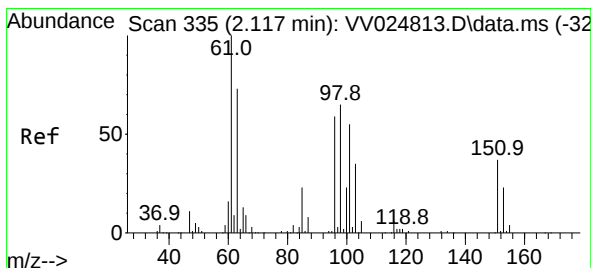
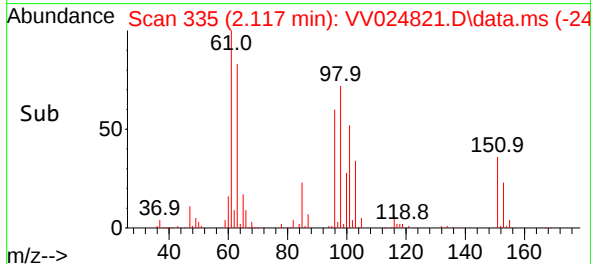
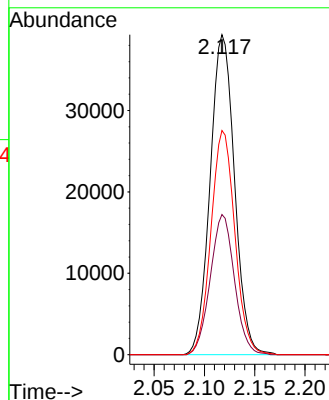
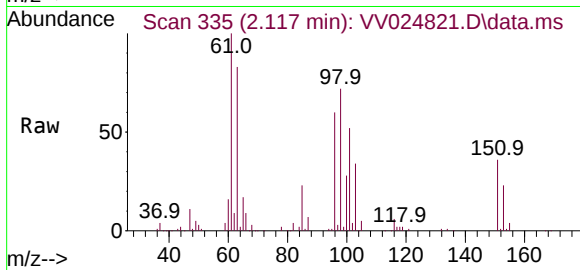
Tgt Ion:101 Resp: 66300

Ion Ratio Lower Upper

101 100

85 43.3 34.7 52.1

151 68.8 53.5 80.3



#12

1,1-Dichloroethene

Concen: 4.654 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

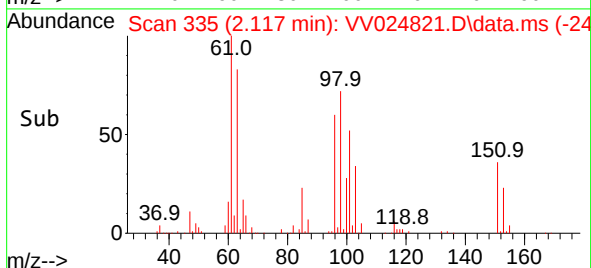
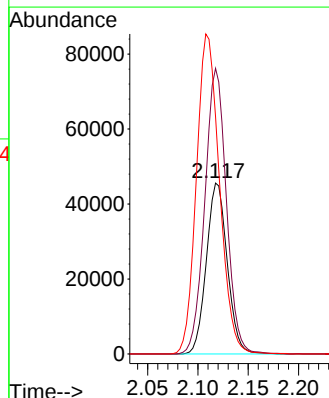
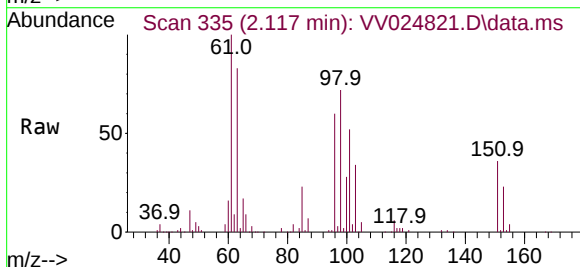
Tgt Ion: 96 Resp: 65864

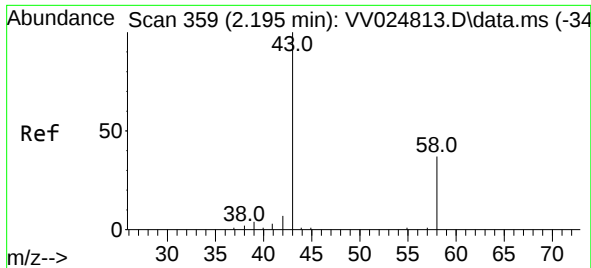
Ion Ratio Lower Upper

96 100

61 167.2 116.3 216.1

63 138.8 86.0 159.6





#13

Acetone

Concen: 47.595 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV024821.D

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Instrument :

MSVOA_V

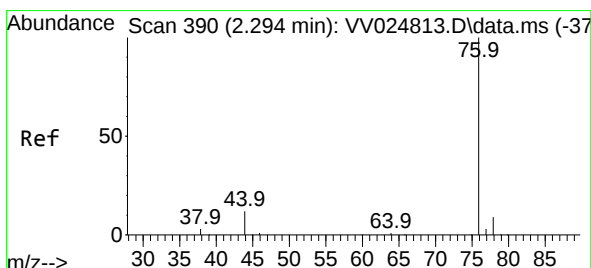
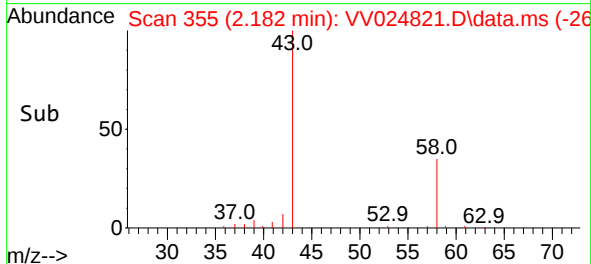
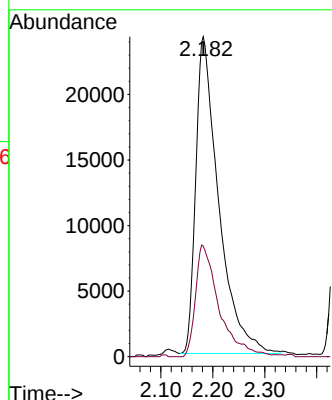
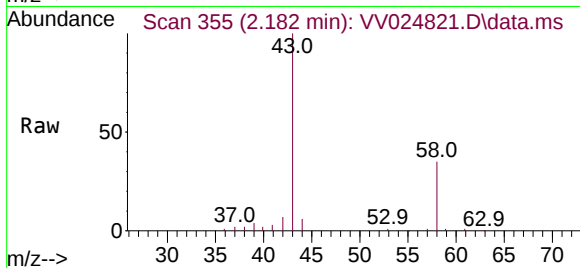
ClientSampleId :

Tgt Ion: 43 Resp: 73893

Ion Ratio Lower Upper

43 100

58 36.2 0.0 63.6



#14

Carbon disulfide

Concen: 4.727 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

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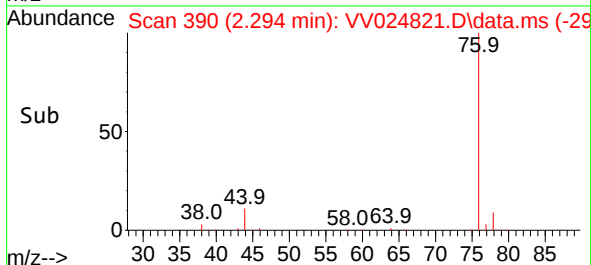
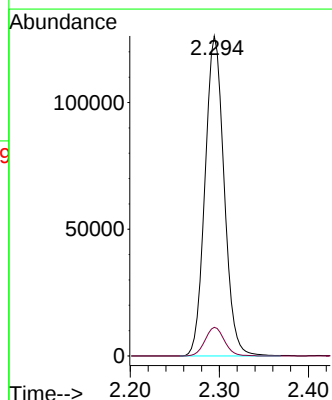
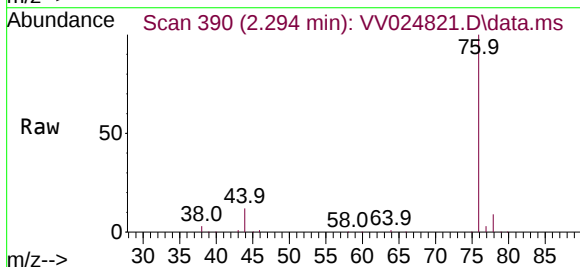
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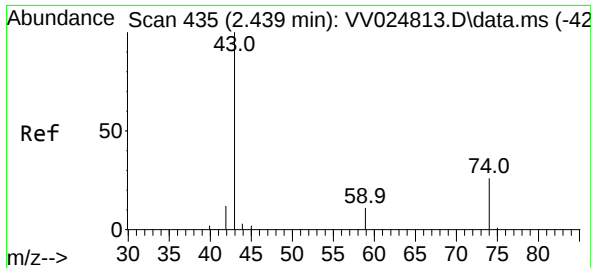
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Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

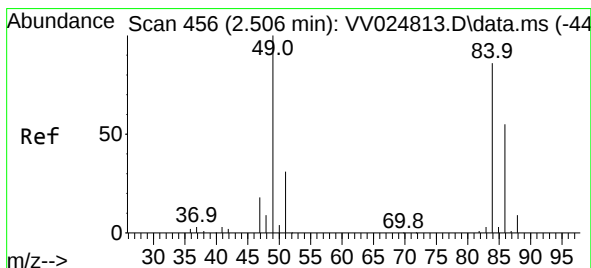
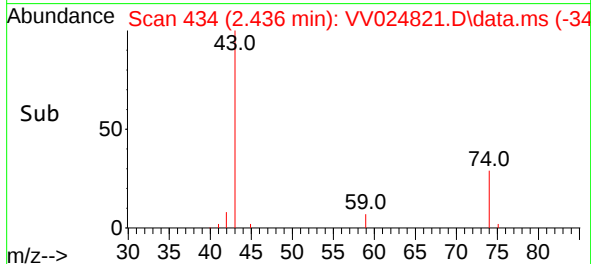
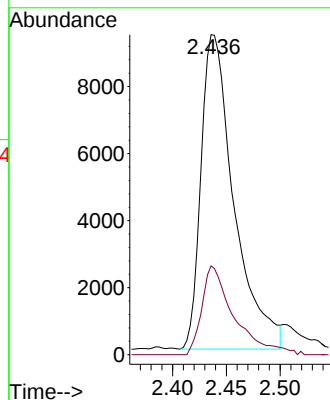
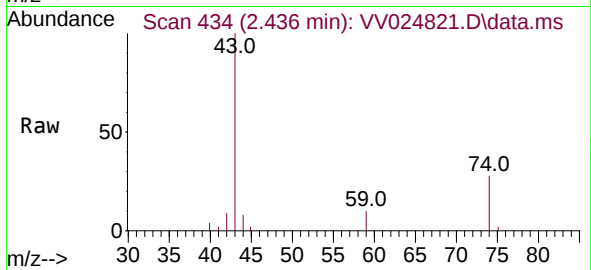




#15
Methyl Acetate
Concen: 4.926 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

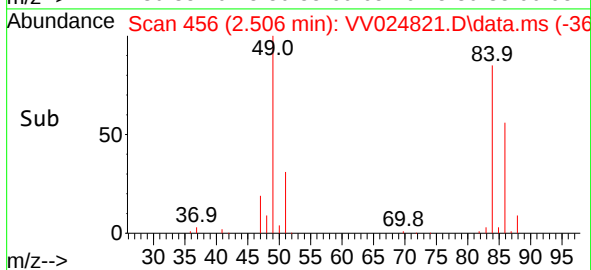
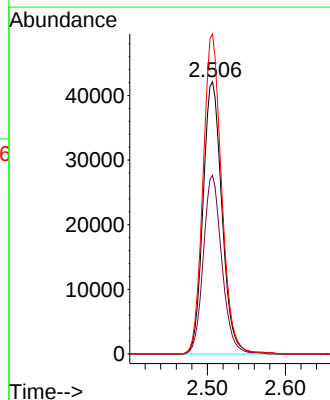
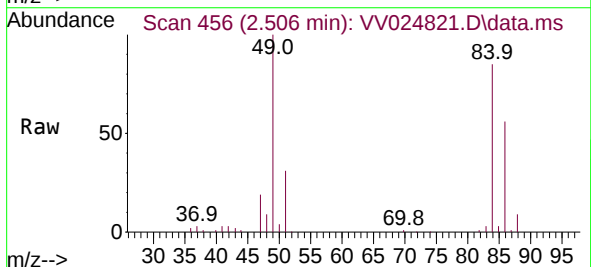
Instrument :
MSVOA_V
ClientSampleId :

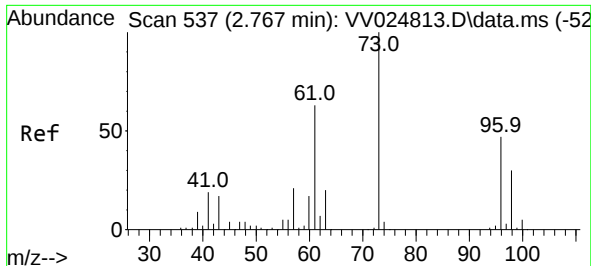
Tgt Ion: 43 Resp: 20022
Ion Ratio Lower Upper
43 100
74 27.5 20.8 31.2



#16
Methylene chloride
Concen: 5.087 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

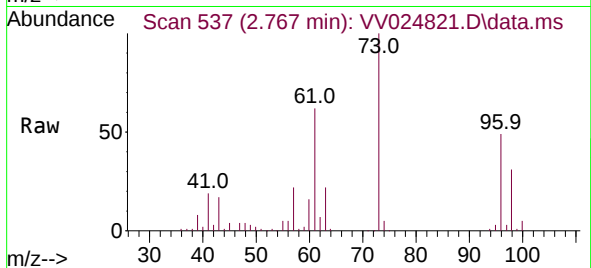
Tgt Ion: 84 Resp: 70887
Ion Ratio Lower Upper
84 100
86 65.7 45.1 83.7
49 117.6 83.5 155.1



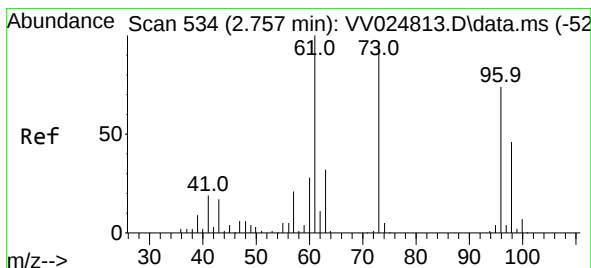
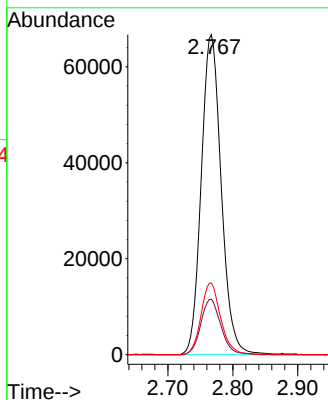
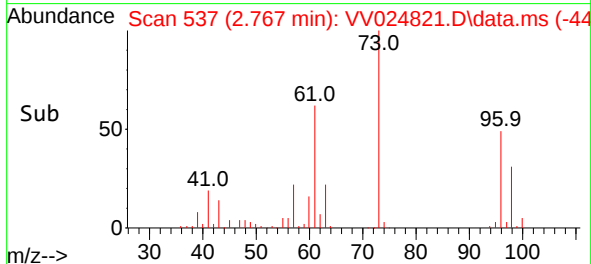


#17
Methyl tert-butyl Ether
Concen: 5.139 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

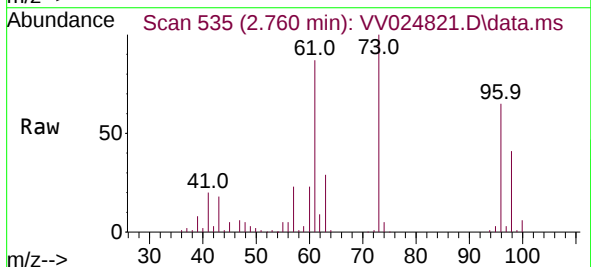
Instrument :
MSVOA_V
ClientSampleId :



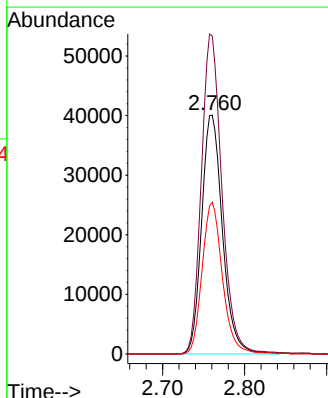
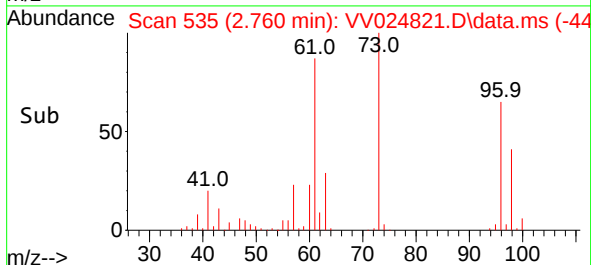
Tgt Ion: 73 Resp: 142960
Ion Ratio Lower Upper
73 100
43 17.5 15.1 22.7
57 22.1 17.4 26.2

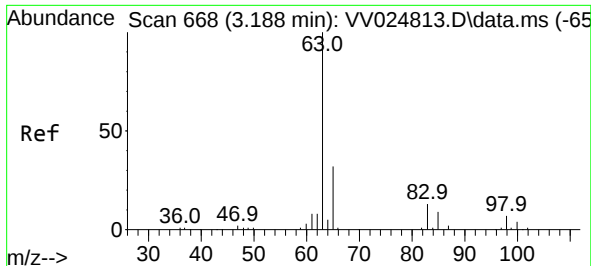


#18
trans-1,2-Dichloroethene
Concen: 5.126 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08



Tgt Ion: 96 Resp: 70840
Ion Ratio Lower Upper
96 100
61 133.1 92.9 172.5
98 63.5 44.5 82.7





#19

1,1-Dichloroethane

Concen: 5.246 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

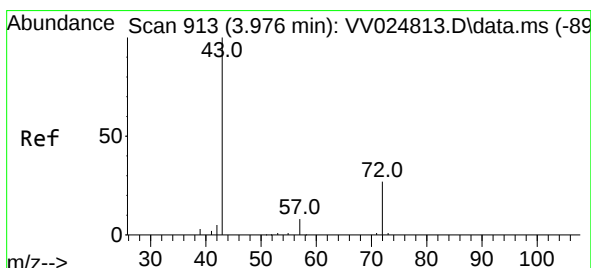
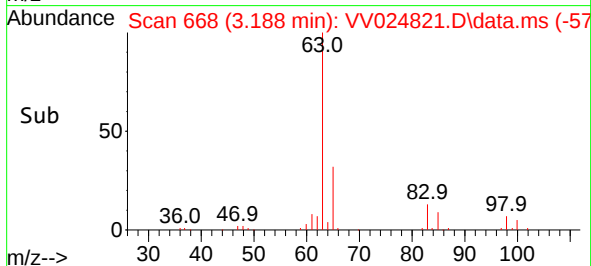
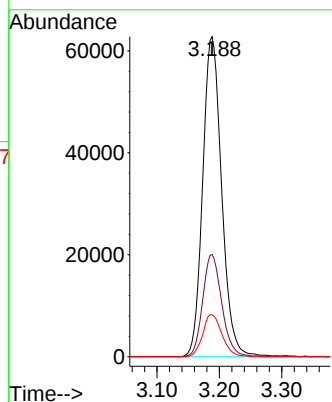
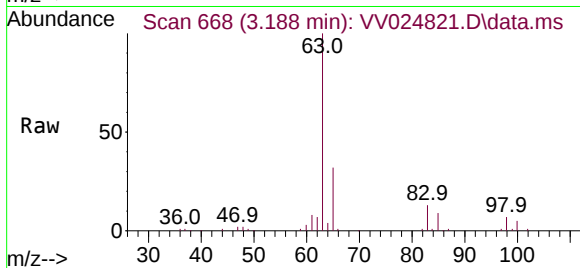
Tgt Ion: 63 Resp: 132760

Ion Ratio Lower Upper

63 100

65 32.0 22.0 40.8

83 13.1 9.5 17.7



#21

2-Butanone

Concen: 52.555 ug/L

RT: 3.969 min Scan# 911

Delta R.T. -0.006 min

Lab File: VV024821.D

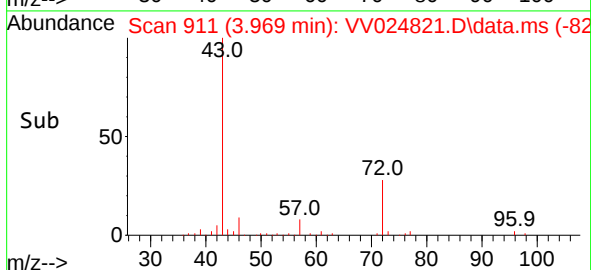
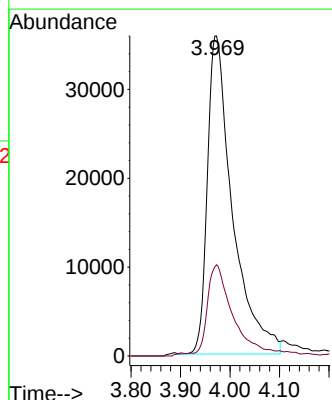
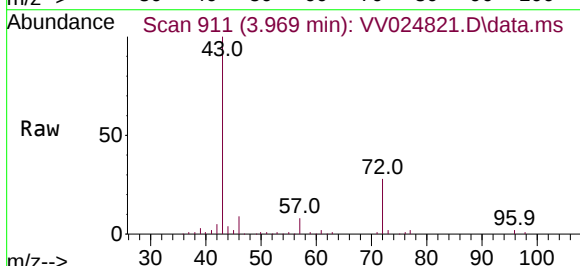
Acq: 24 Feb 2022 16:08

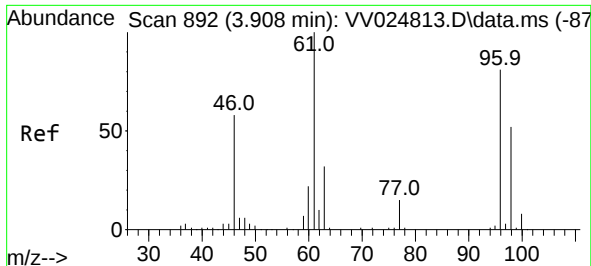
Tgt Ion: 43 Resp: 126090

Ion Ratio Lower Upper

43 100

72 27.9 13.2 39.6





#22

cis-1,2-Dichloroethene

Concen: 5.340 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

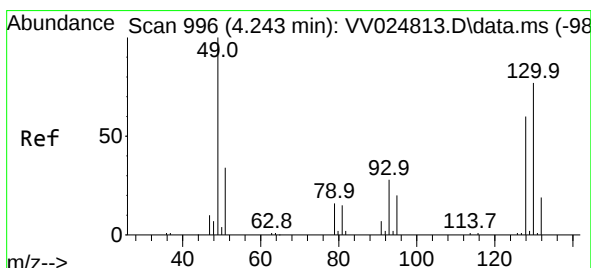
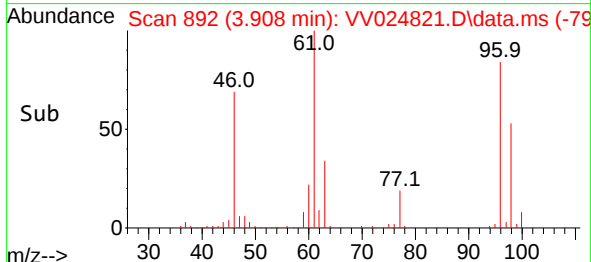
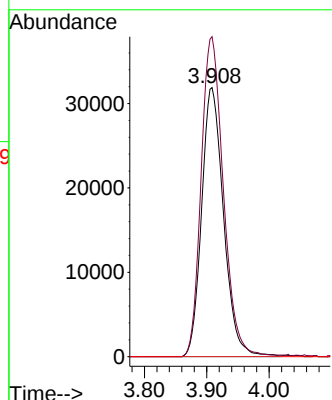
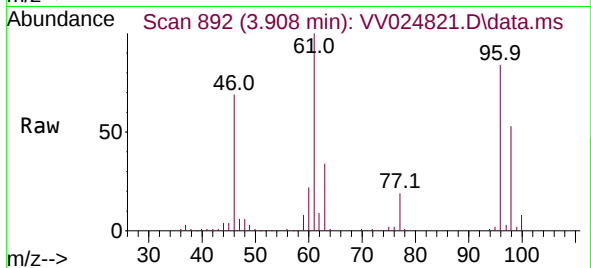
Tgt Ion: 96 Resp: 78011

Ion Ratio Lower Upper

96 100

61 118.9 89.7 166.5

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.292 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.003 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Tgt Ion:128 Resp: 29882

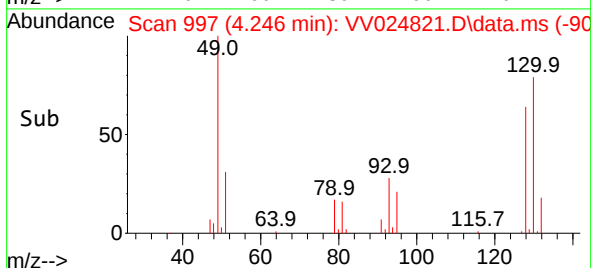
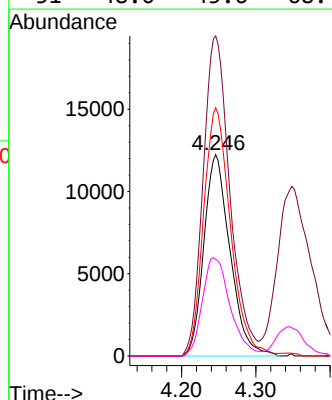
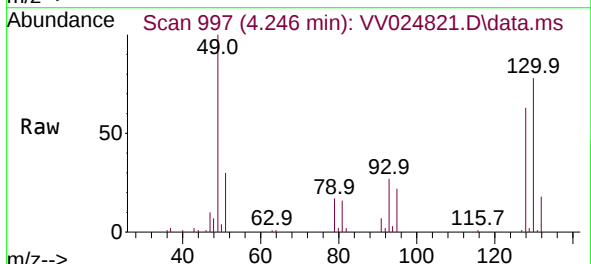
Ion Ratio Lower Upper

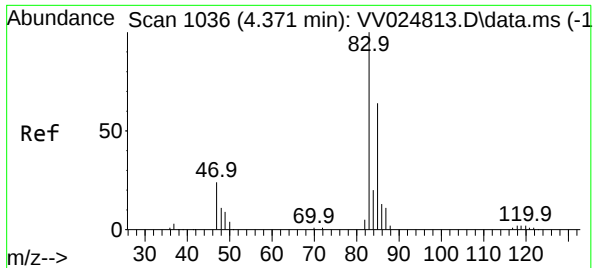
128 100

49 159.0 124.2 230.6

130 123.3 92.1 171.1

51 48.0 45.6 68.4

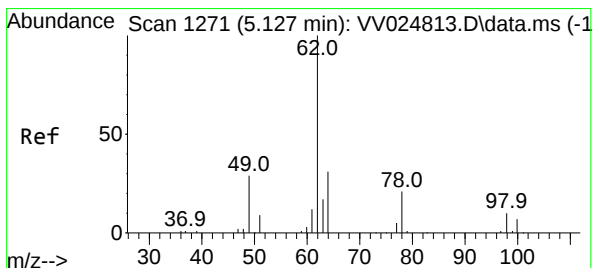
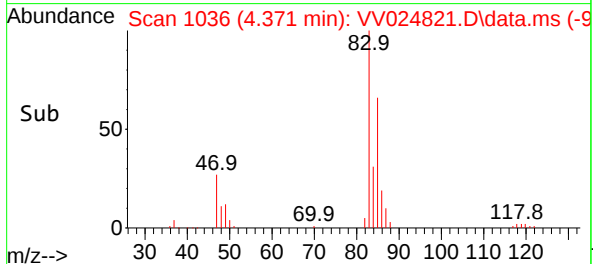
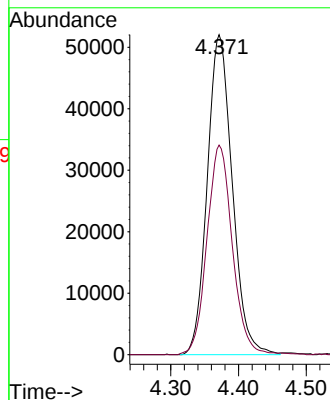
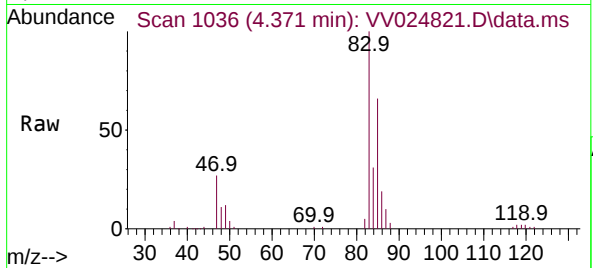




#25
Chloroform
Concen: 5.056 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

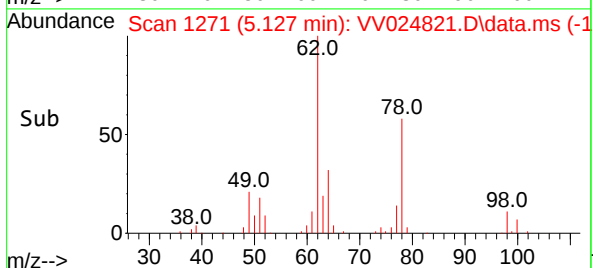
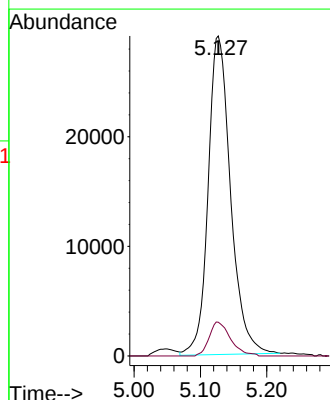
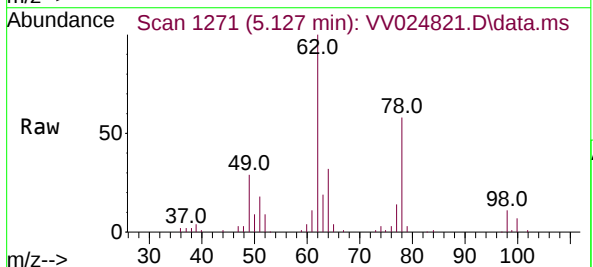
Instrument :
MSVOA_V
ClientSampleId :

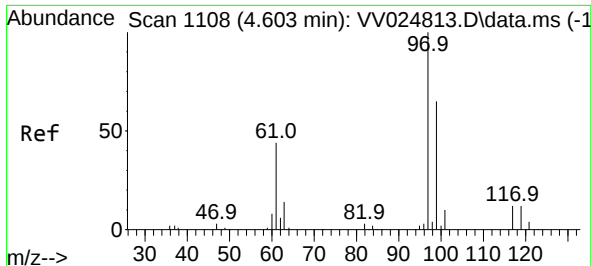
Tgt Ion: 83 Resp: 133657
Ion Ratio Lower Upper
83 100
85 65.5 45.5 84.5



#27
1,2-Dichloroethane
Concen: 4.855 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

Tgt Ion: 62 Resp: 68511
Ion Ratio Lower Upper
62 100
98 10.6 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 5.161 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

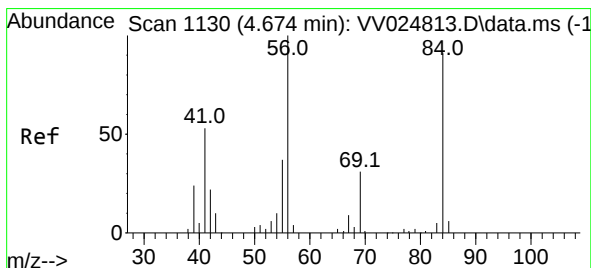
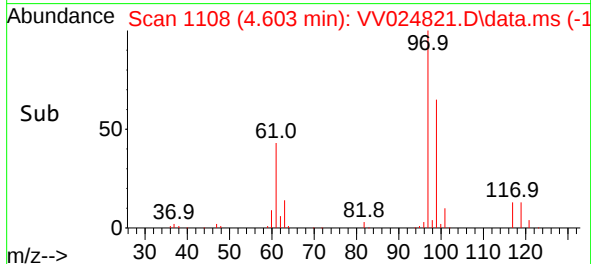
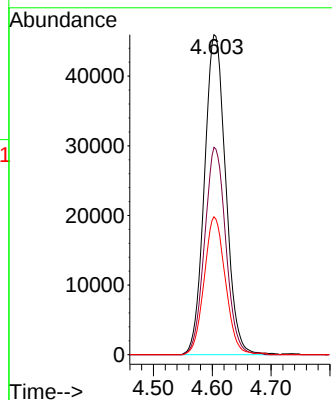
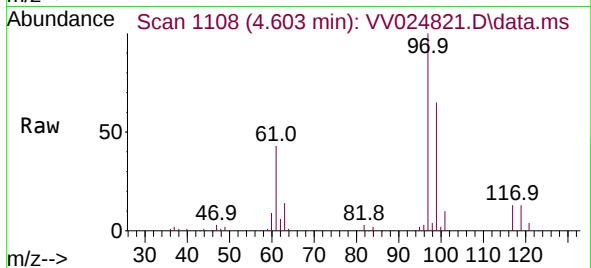
Tgt Ion: 97 Resp: 115748

Ion Ratio Lower Upper

97 100

99 64.6 50.5 75.7

61 42.8 35.8 53.6



#30

Cyclohexane

Concen: 4.891 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

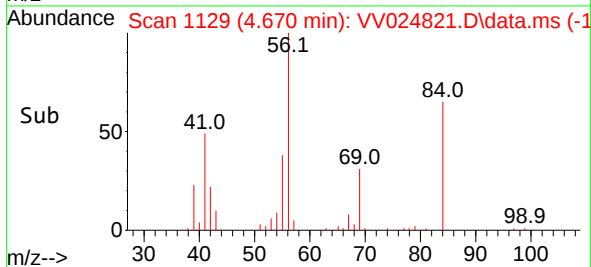
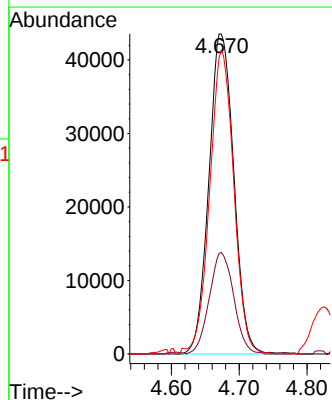
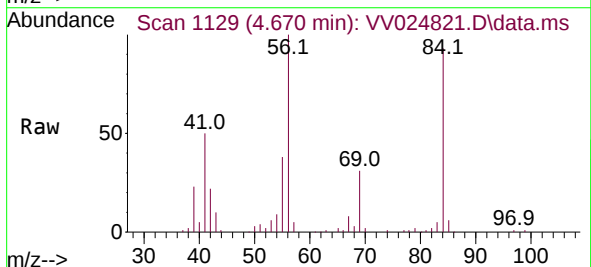
Tgt Ion: 56 Resp: 111258

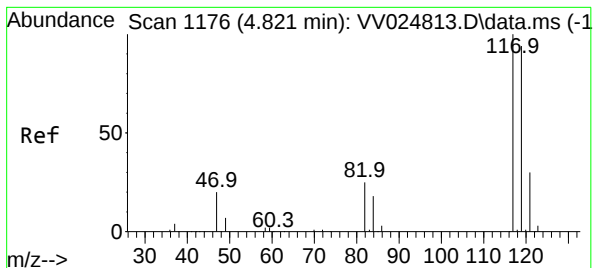
Ion Ratio Lower Upper

56 100

69 31.1 24.6 37.0

84 91.7 71.4 107.0





#31

Carbon tetrachloride

Concen: 5.045 ug/L

RT: 4.825 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Instrument :

MSVOA_V

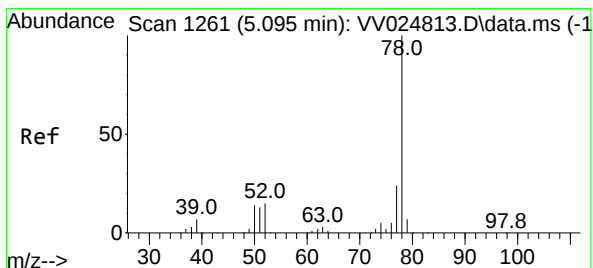
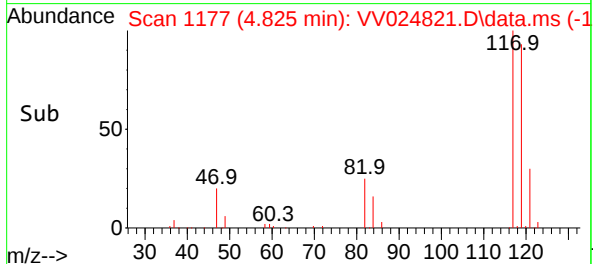
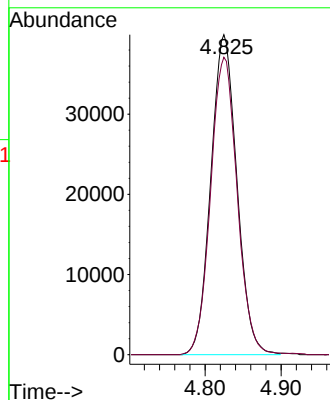
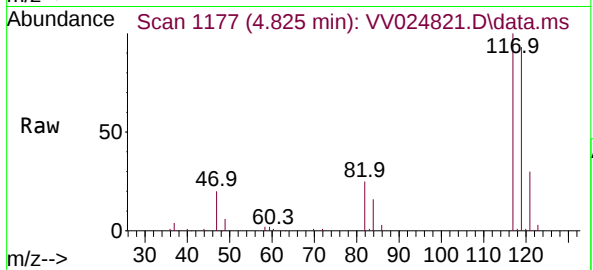
ClientSampleId :

Tgt Ion:117 Resp: 95112

Ion Ratio Lower Upper

117 100

119 94.9 76.6 115.0



#33

Benzene

Concen: 5.238 ug/L

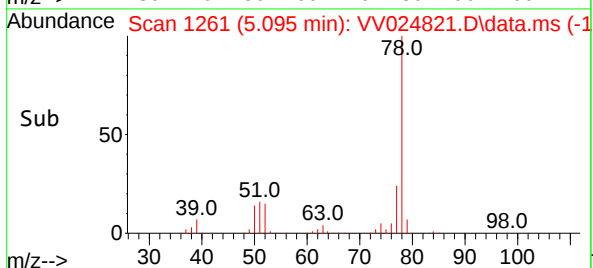
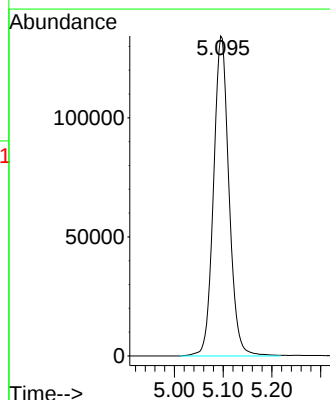
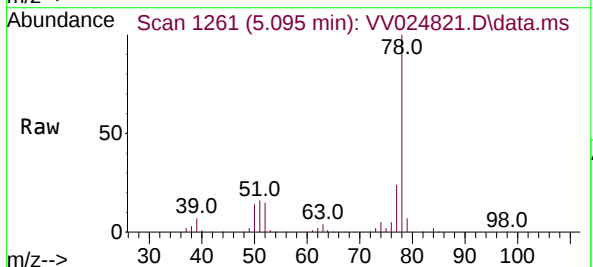
RT: 5.095 min Scan# 1261

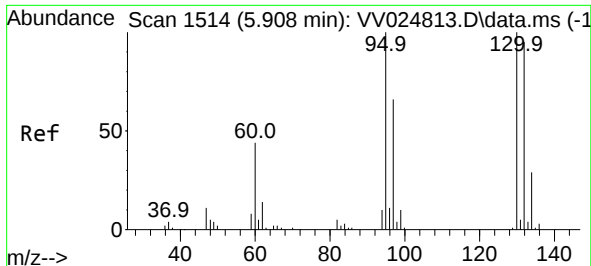
Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Tgt Ion: 78 Resp: 296346

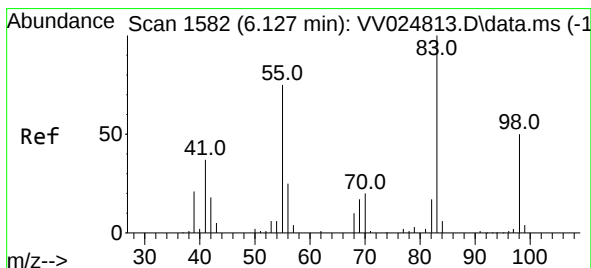
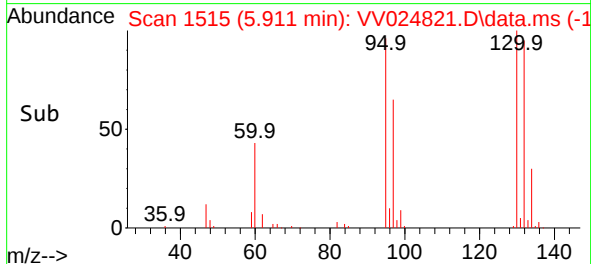
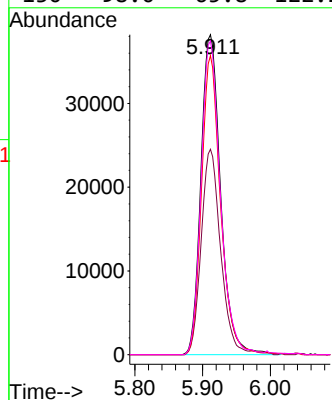
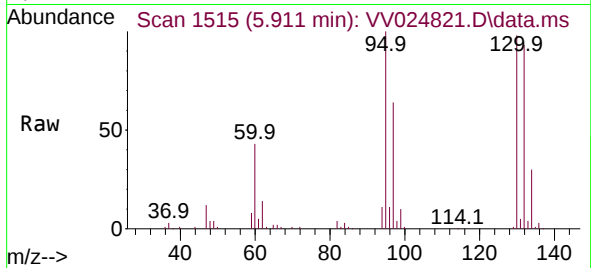




#34
Trichloroethene
Concen: 5.168 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

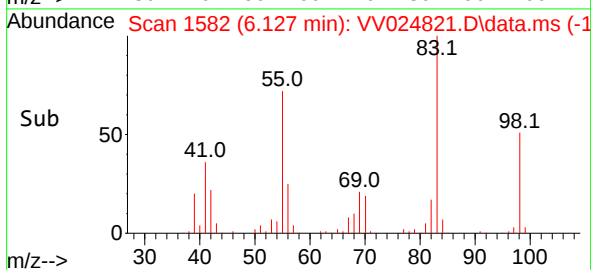
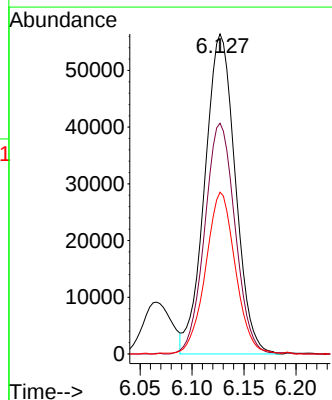
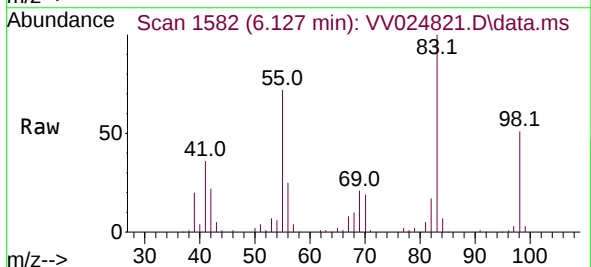
Instrument :
MSVOA_V
ClientSampleId :

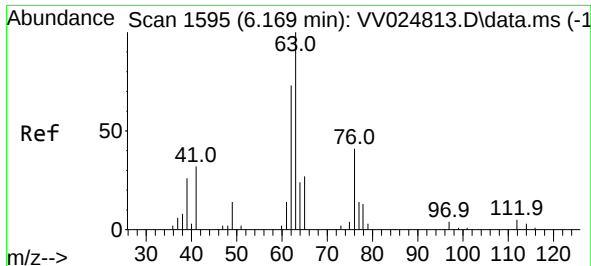
Tgt Ion: 95 Resp: 77450
Ion Ratio Lower Upper
95 100
97 64.2 44.2 82.0
132 93.5 62.1 115.3
130 98.0 65.8 122.2



#35
Methylcyclohexane
Concen: 4.765 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

Tgt Ion: 83 Resp: 115376
Ion Ratio Lower Upper
83 100
55 71.7 58.8 88.2
98 48.6 38.6 58.0





#37

1,2-Dichloropropane

Concen: 5.378 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Instrument :

MSVOA_V

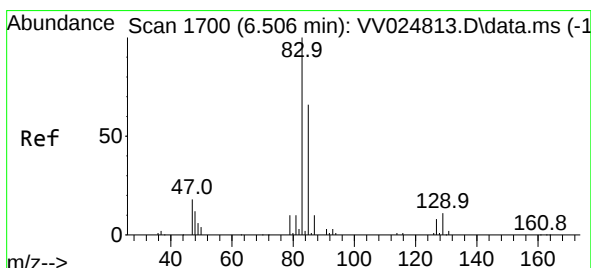
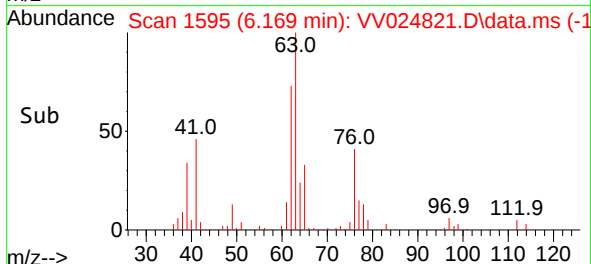
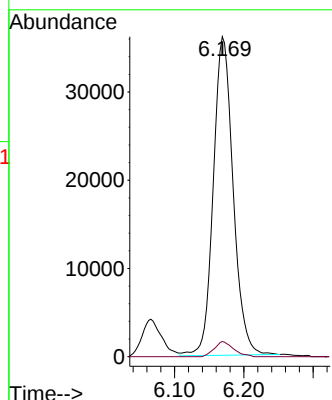
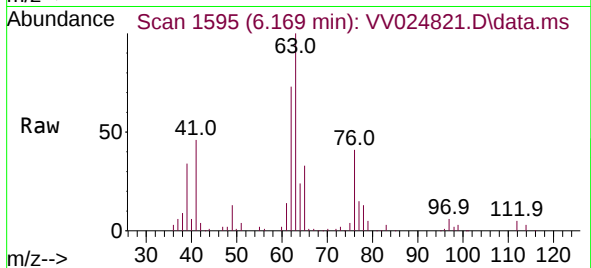
ClientSampleId :

Tgt Ion: 63 Resp: 71884

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 5.202 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

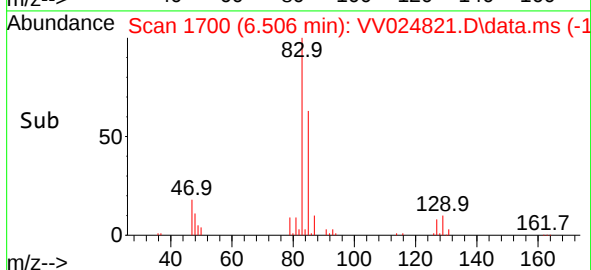
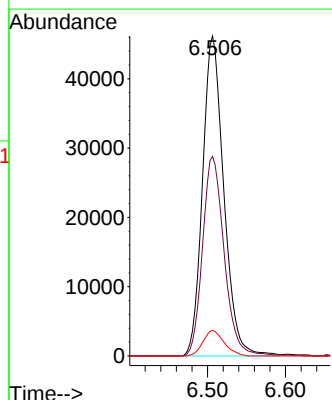
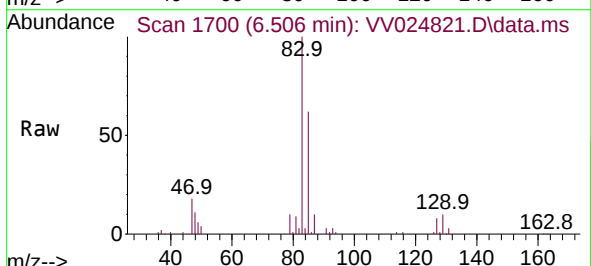
Tgt Ion: 83 Resp: 87523

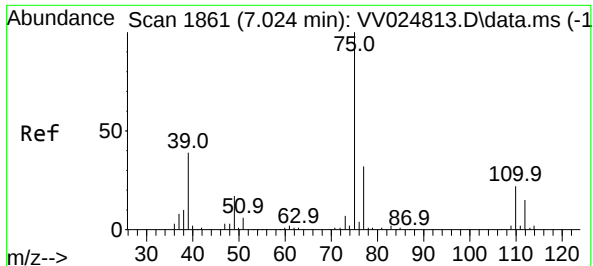
Ion Ratio Lower Upper

83 100

85 62.4 43.5 80.9

127 8.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.169 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Instrument :

MSVOA_V

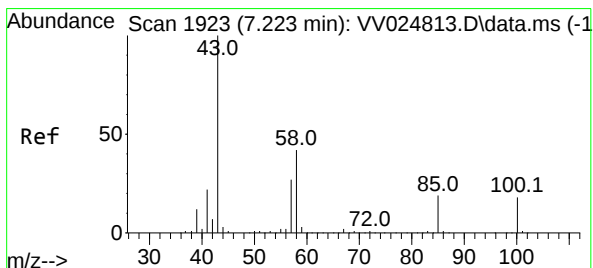
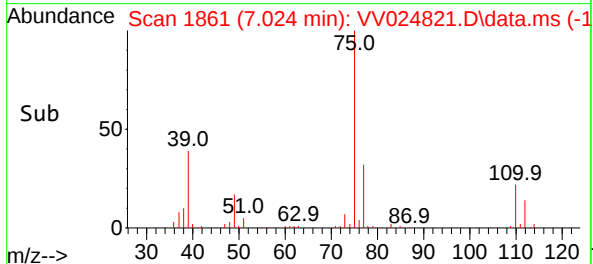
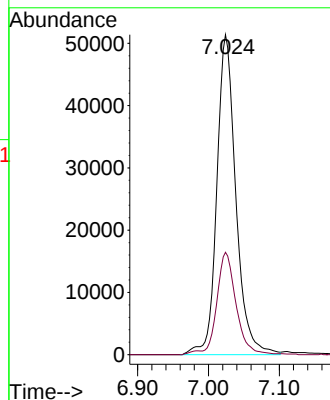
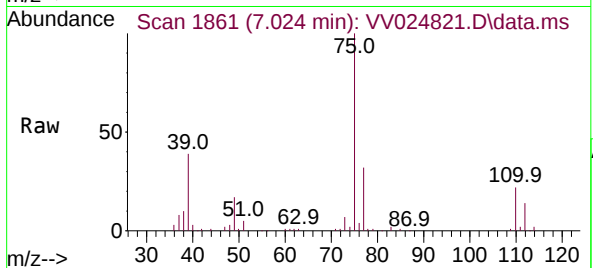
ClientSampleId :

Tgt Ion: 75 Resp: 95831

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 51.368 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

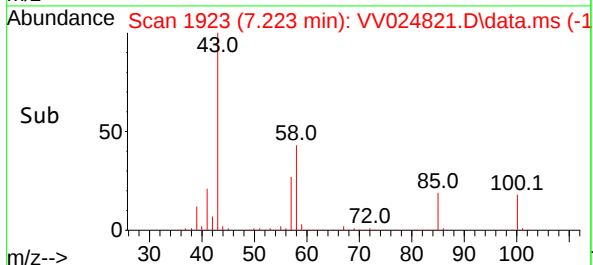
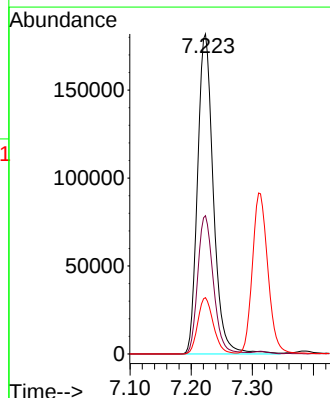
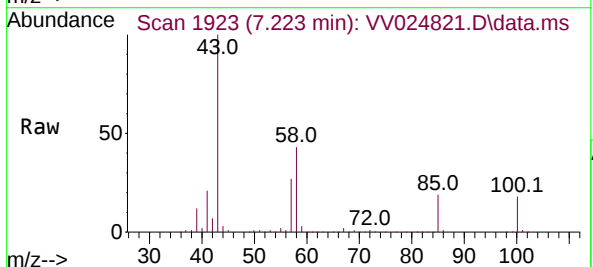
Tgt Ion: 43 Resp: 326602

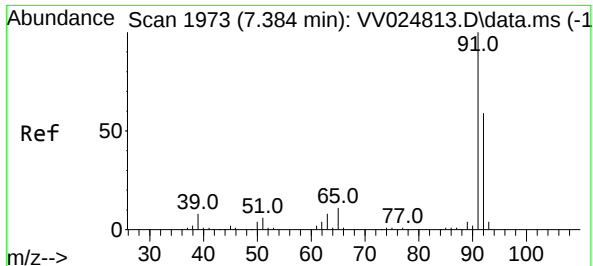
Ion Ratio Lower Upper

43 100

58 43.0 33.0 49.6

100 17.4 13.3 19.9





#42

Toluene

Concen: 5.113 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Instrument :

MSVOA_V

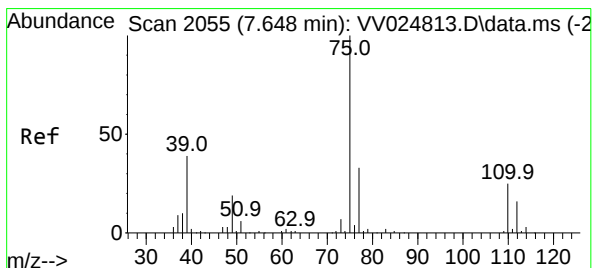
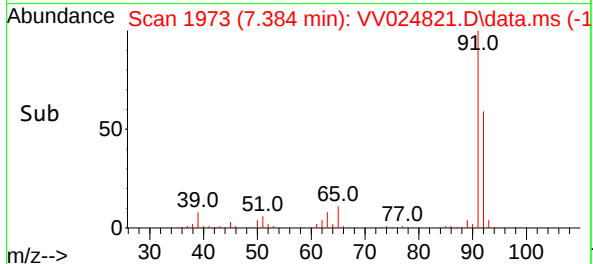
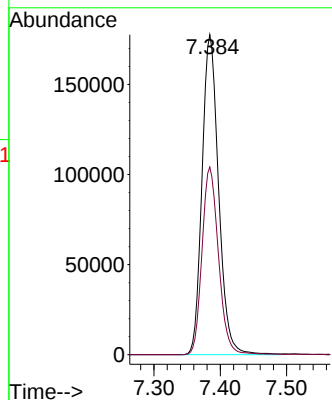
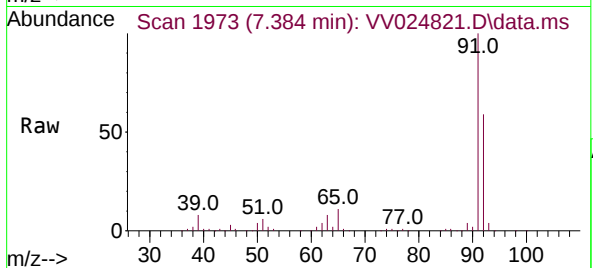
ClientSampleId :

Tgt Ion: 91 Resp: 307974

Ion Ratio Lower Upper

91 100

92 58.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.026 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV024821.D

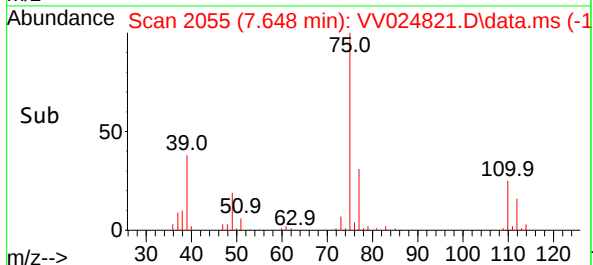
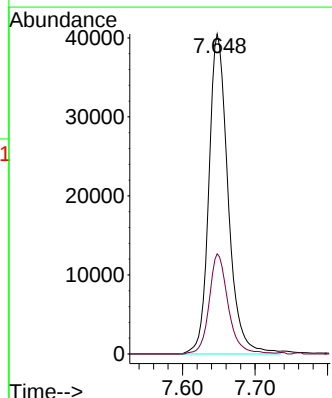
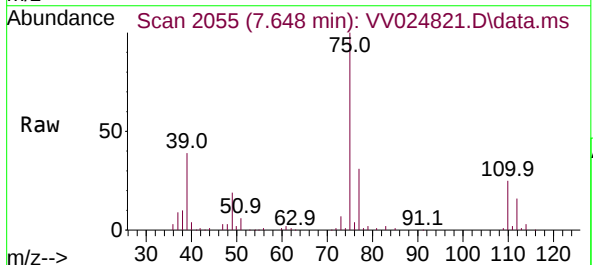
Acq: 24 Feb 2022 16:08

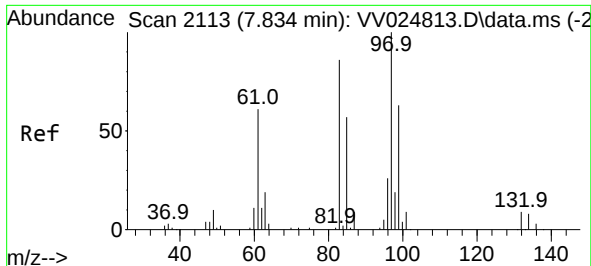
Tgt Ion: 75 Resp: 74454

Ion Ratio Lower Upper

75 100

77 31.3 23.5 43.7





#45

1,1,2-Trichloroethane

Concen: 5.290 ug/L

RT: 7.837 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 46003

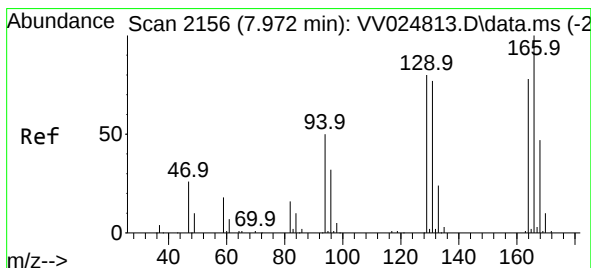
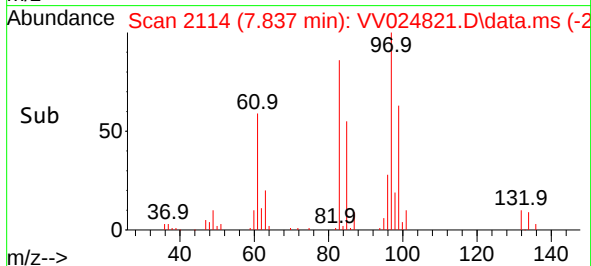
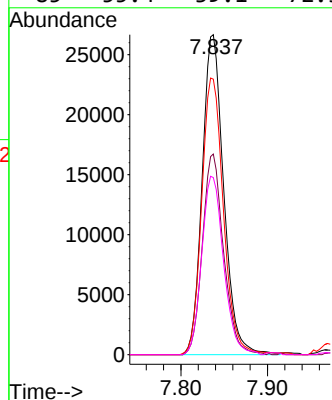
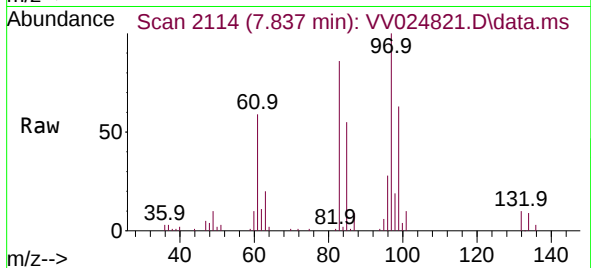
Ion Ratio Lower Upper

97 100

99 62.7 43.8 81.3

83 86.1 61.3 113.9

85 55.4 39.1 72.5



#47

Tetrachloroethene

Concen: 4.825 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Tgt Ion:164 Resp: 49240

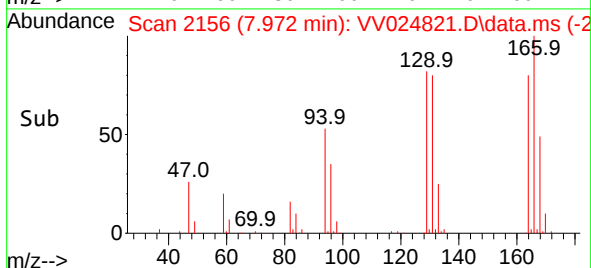
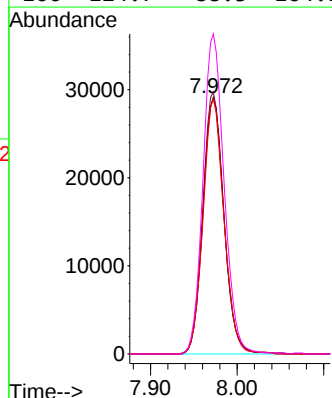
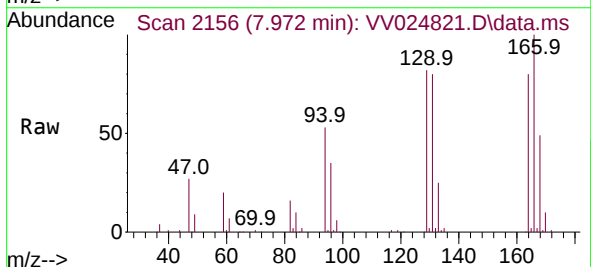
Ion Ratio Lower Upper

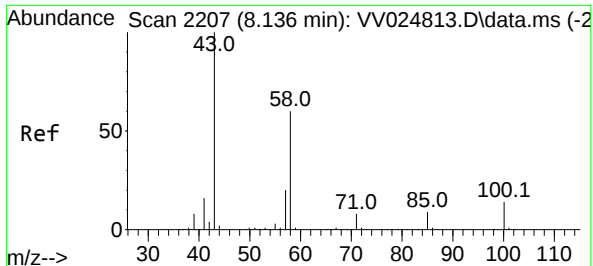
164 100

129 102.1 70.3 130.7

131 99.4 67.7 125.7

166 124.7 88.3 164.1



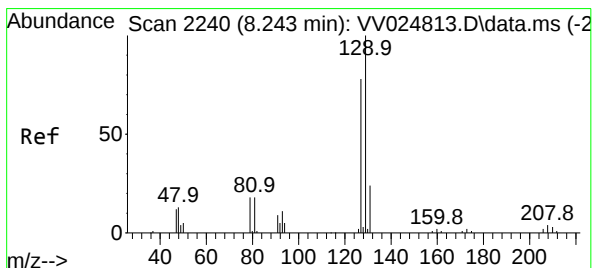
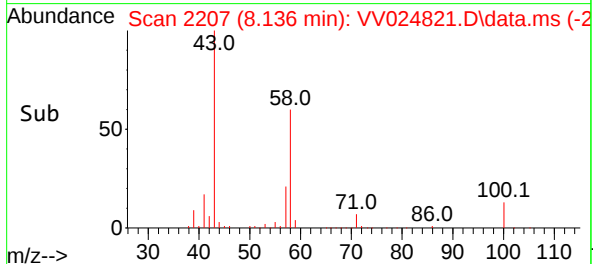
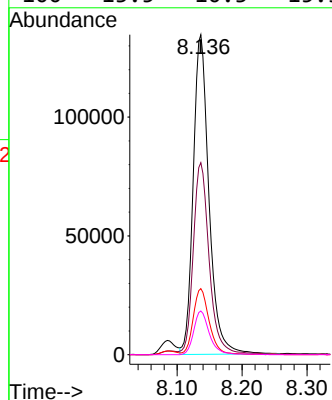
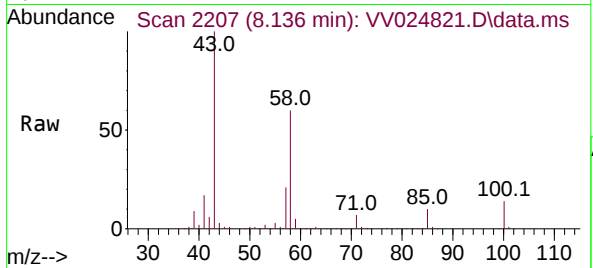


#48
2-Hexanone
Concen: 50.818 ug/L
RT: 8.136 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 227178

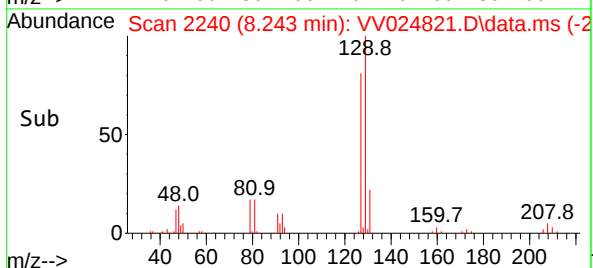
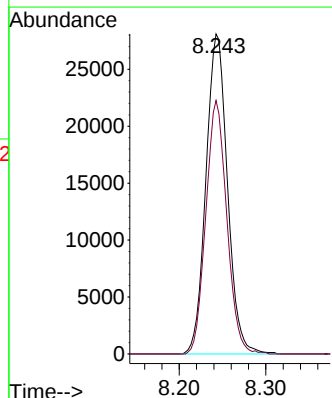
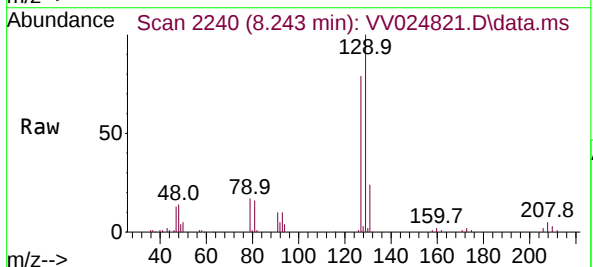
Ion	Ratio	Lower	Upper
43	100		
58	60.8	46.0	69.0
57	20.8	15.7	23.5
100	13.5	10.3	15.5

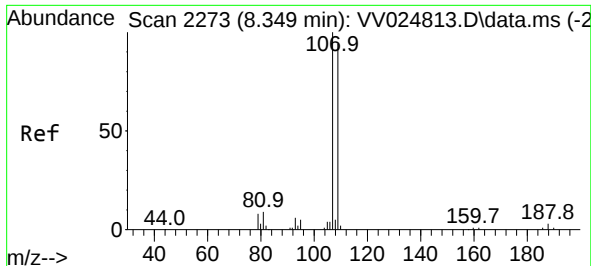


#49
Dibromochloromethane
Concen: 5.029 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

Tgt Ion: 129 Resp: 48527

Ion	Ratio	Lower	Upper
129	100		
127	79.2	53.6	99.6





#50

1,2-Dibromoethane

Concen: 5.195 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

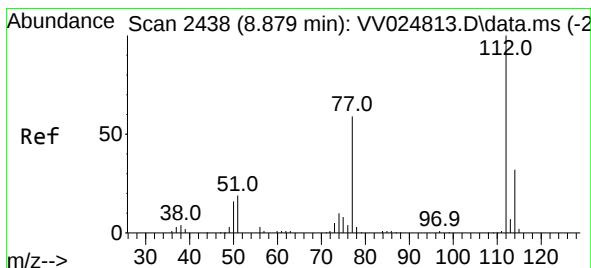
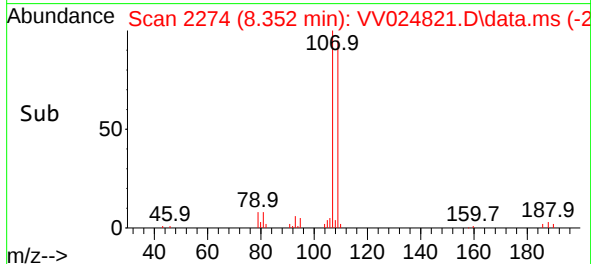
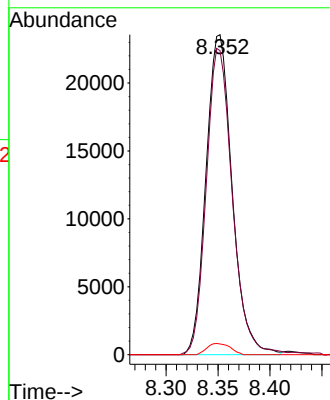
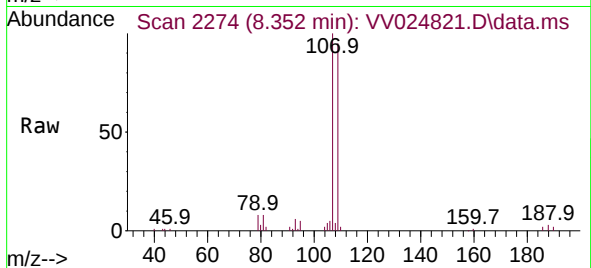
Tgt Ion:107 Resp: 41221

Ion Ratio Lower Upper

107 100

109 95.0 65.6 121.8

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 5.035 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

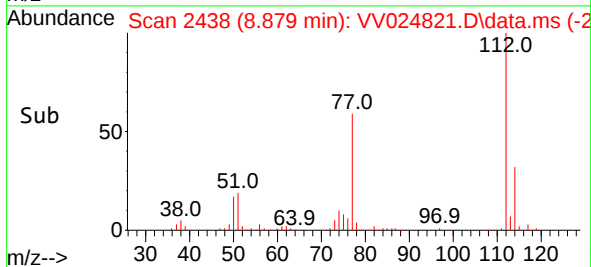
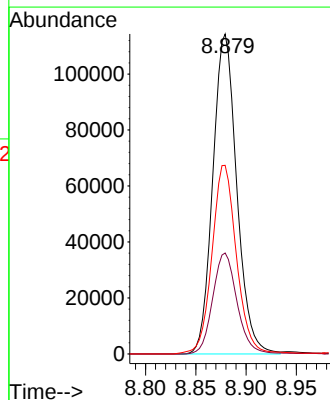
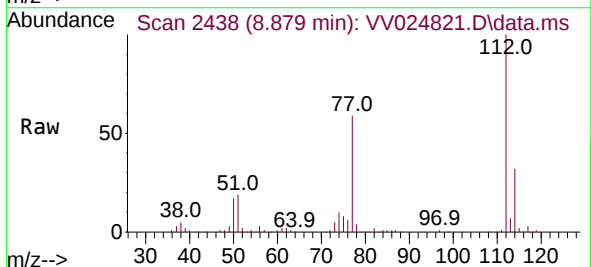
Tgt Ion:112 Resp: 189720

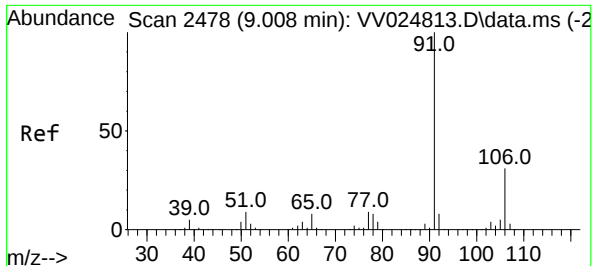
Ion Ratio Lower Upper

112 100

114 31.6 22.3 41.5

77 59.0 48.4 72.6





#52

Ethylbenzene

Concen: 5.056 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Instrument :

MSVOA_V

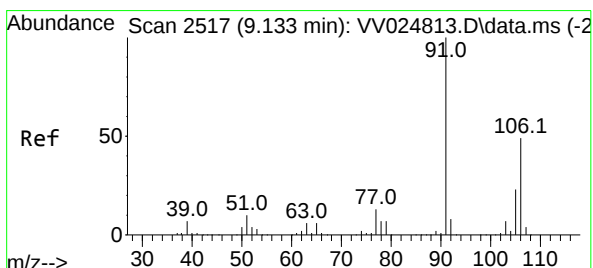
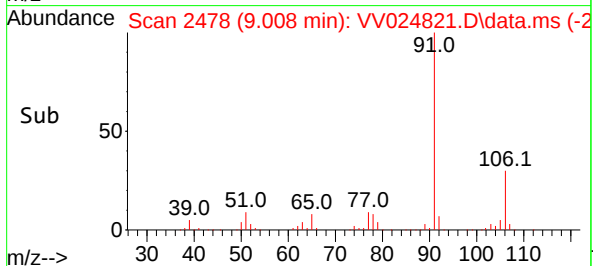
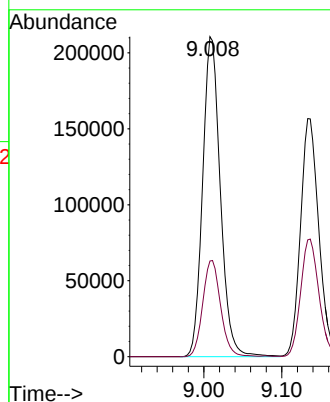
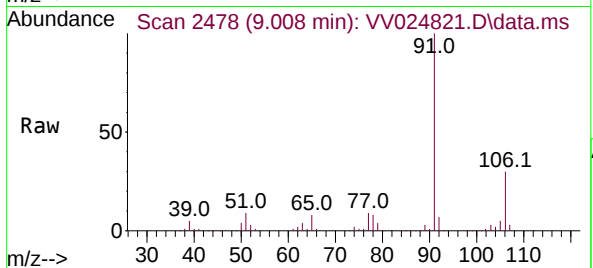
ClientSampleId :

Tgt Ion: 91 Resp: 332368

Ion Ratio Lower Upper

91 100

106 29.9 21.3 39.5



#53

m,p-xylene

Concen: 5.081 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV024821.D

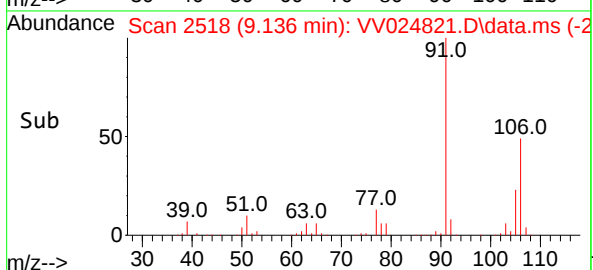
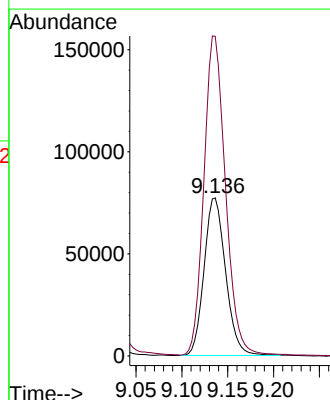
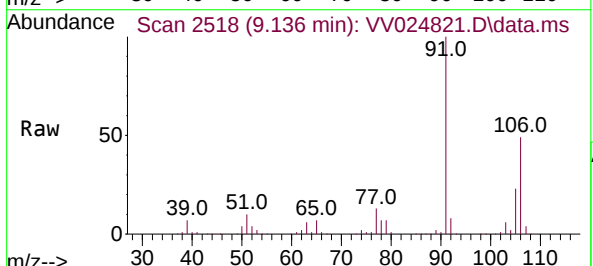
Acq: 24 Feb 2022 16:08

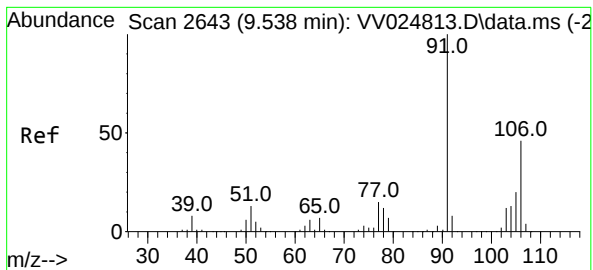
Tgt Ion:106 Resp: 126265

Ion Ratio Lower Upper

106 100

91 202.3 143.6 266.6





#54

o-xylene

Concen: 5.172 ug/L

RT: 9.542 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Instrument :

MSVOA_V

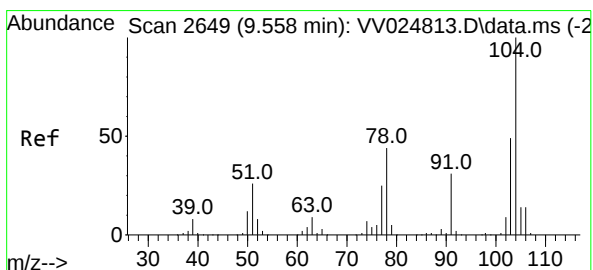
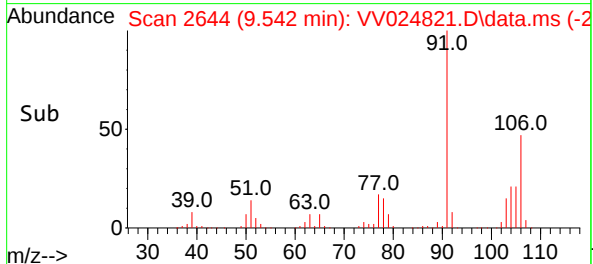
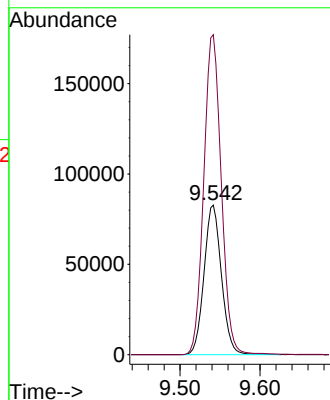
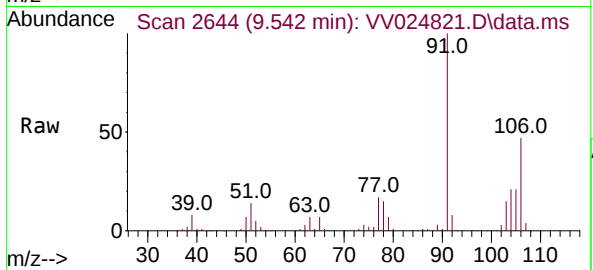
ClientSampleId :

Tgt Ion:106 Resp: 125593

Ion Ratio Lower Upper

106 100

91 214.0 152.2 282.7



#55

Styrene

Concen: 5.199 ug/L

RT: 9.558 min Scan# 2649

Delta R.T. 0.000 min

Lab File: VV024821.D

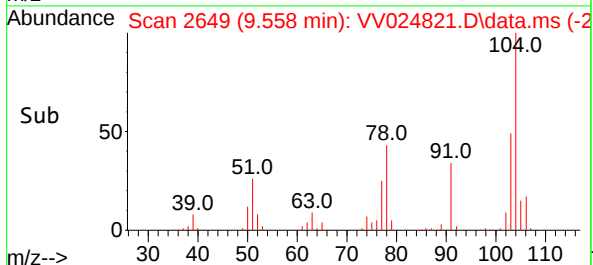
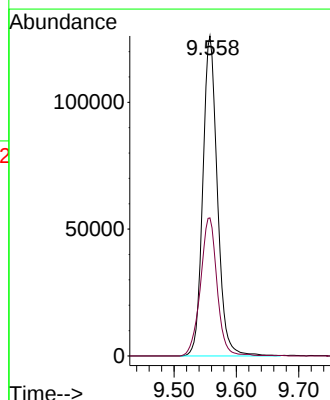
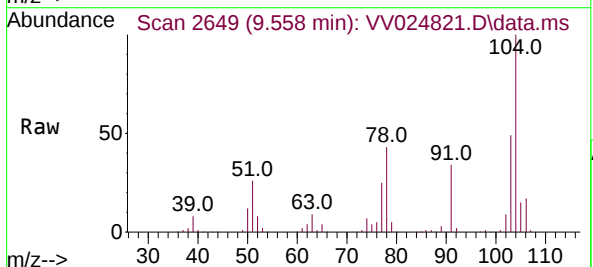
Acq: 24 Feb 2022 16:08

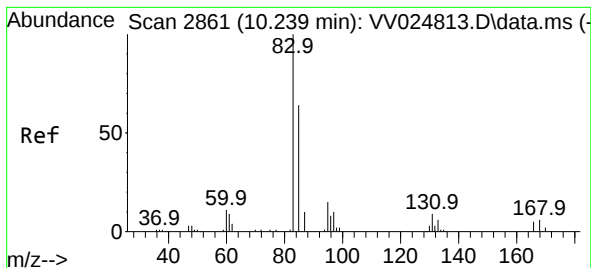
Tgt Ion:104 Resp: 205376

Ion Ratio Lower Upper

104 100

78 43.2 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.153 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :

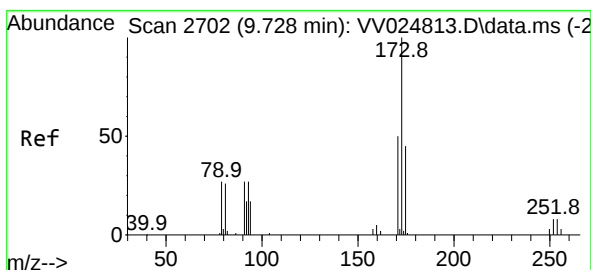
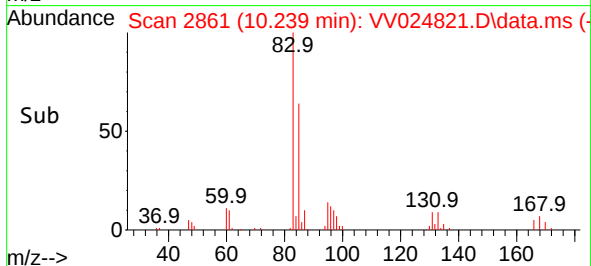
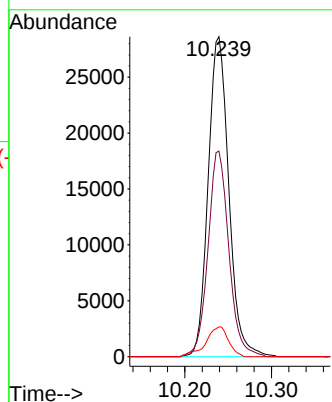
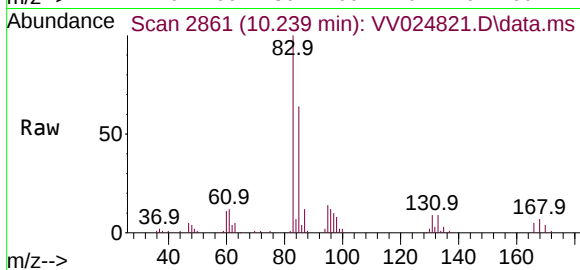
Tgt Ion: 83 Resp: 47392

Ion Ratio Lower Upper

83 100

85 64.3 43.9 81.5

131 9.3 7.0 10.4



#59

Bromoform

Concen: 5.061 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

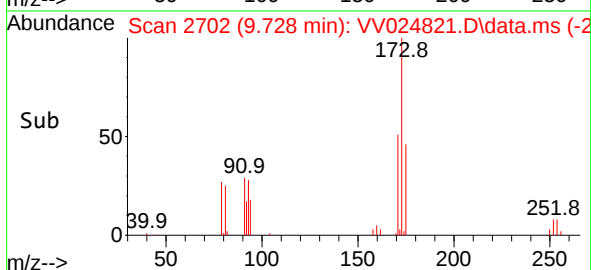
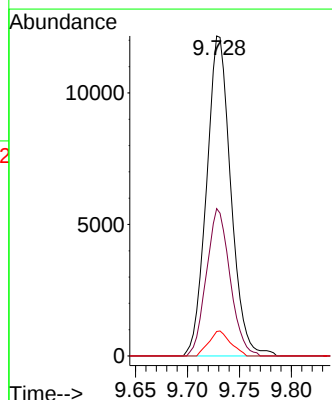
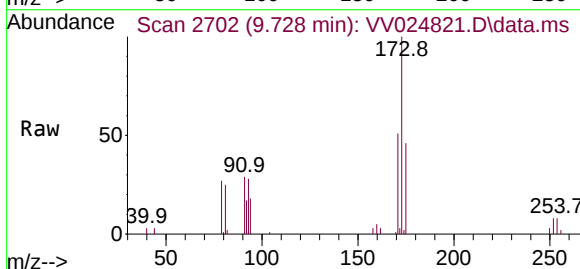
Tgt Ion: 173 Resp: 19763

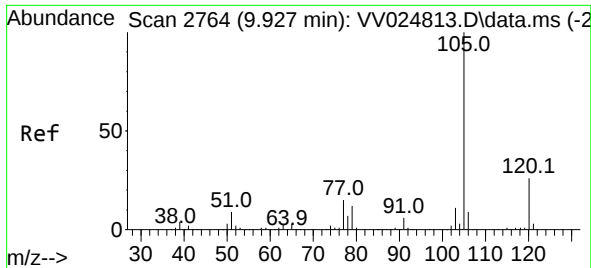
Ion Ratio Lower Upper

173 100

175 44.9 39.4 59.0

254 7.0 7.0 10.4#

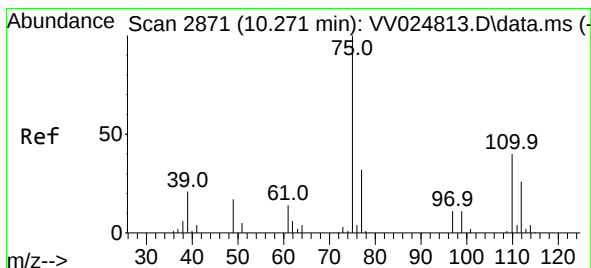
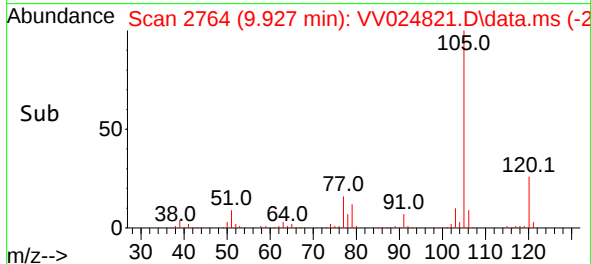
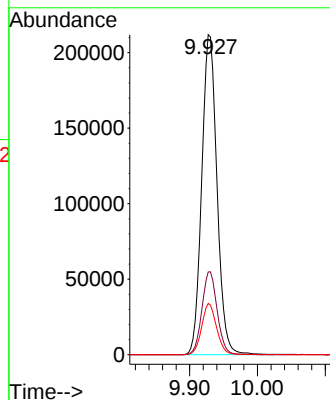
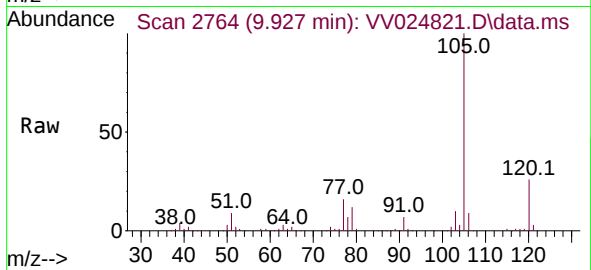




#60
Isopropylbenzene
Concen: 5.190 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

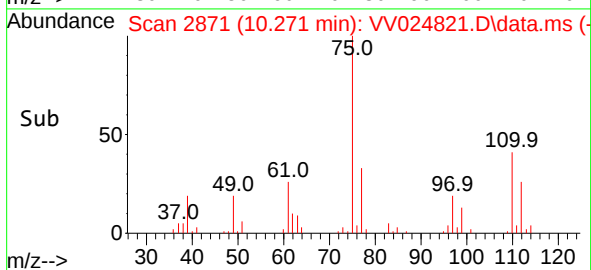
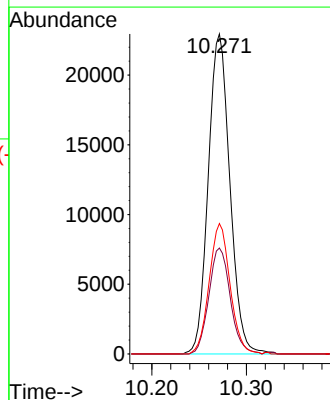
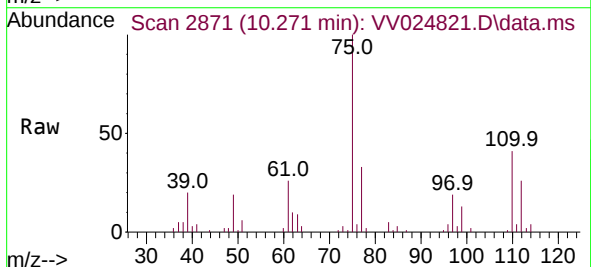
Instrument :
MSVOA_V
ClientSampleId :

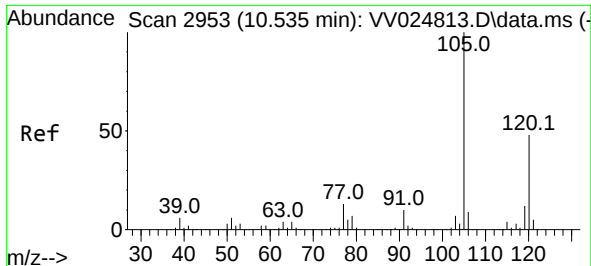
Tgt Ion:105 Resp: 331198
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.7 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 5.217 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

Tgt Ion: 75 Resp: 36471
Ion Ratio Lower Upper
75 100
77 32.9 26.3 39.5
110 39.4 30.3 45.5

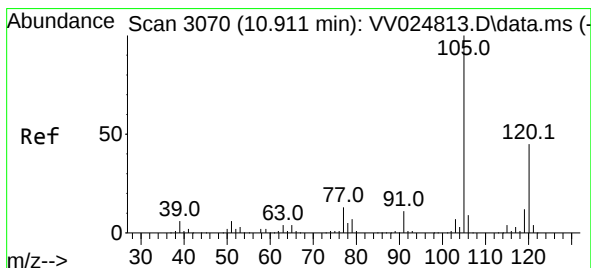
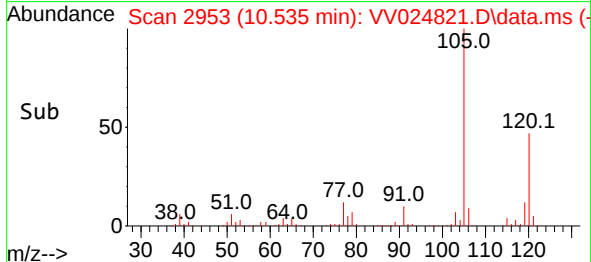
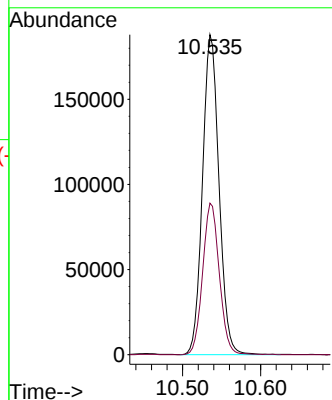
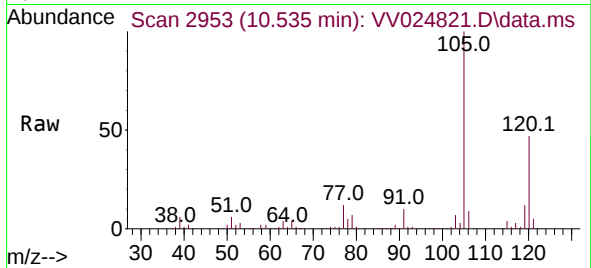




#62
 1,3,5-Trimethylbenzene
 Concen: 5.196 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. 0.000 min
 Lab File: VV024821.D
 Acq: 24 Feb 2022 16:08

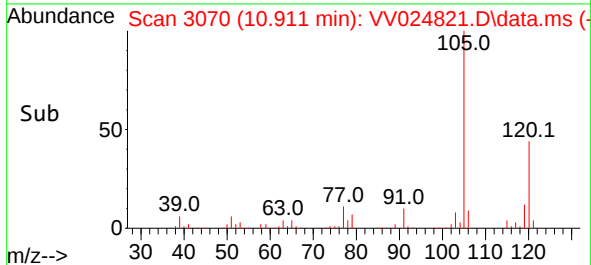
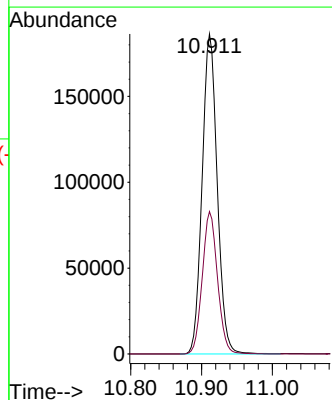
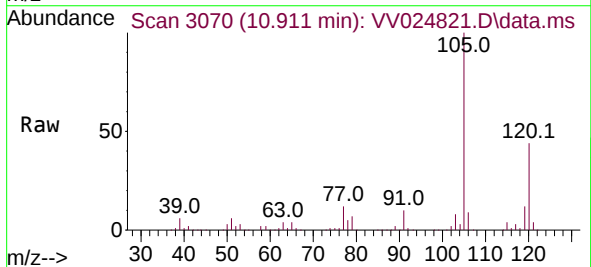
Instrument :
 MSVOA_V
 ClientSampleId :

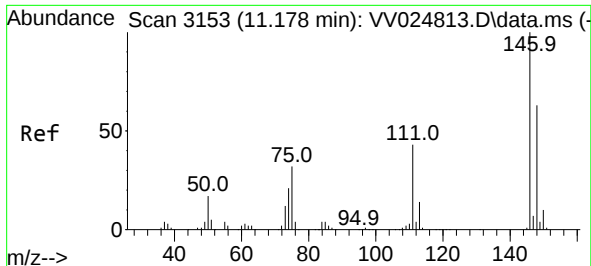
Tgt Ion:105 Resp: 276412
 Ion Ratio Lower Upper
 105 100
 120 47.8 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 5.223 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV024821.D
 Acq: 24 Feb 2022 16:08

Tgt Ion:105 Resp: 275767
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.9 53.9

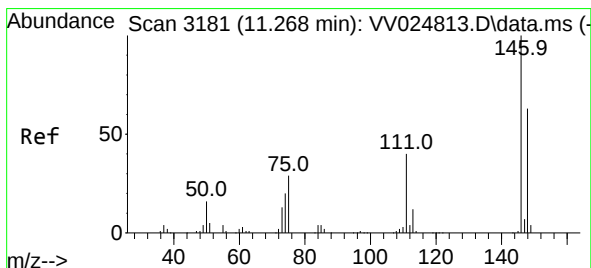
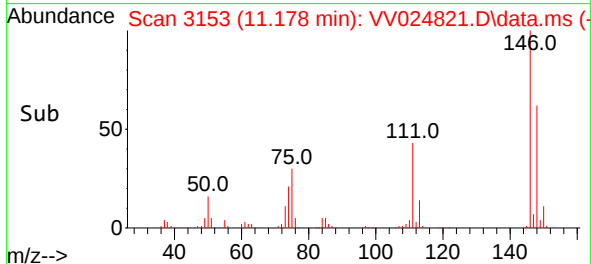
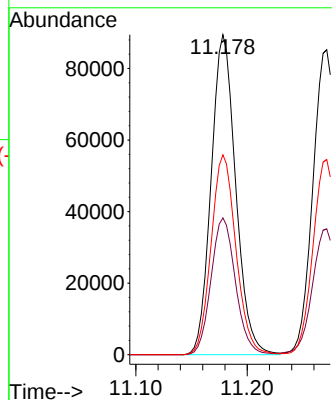
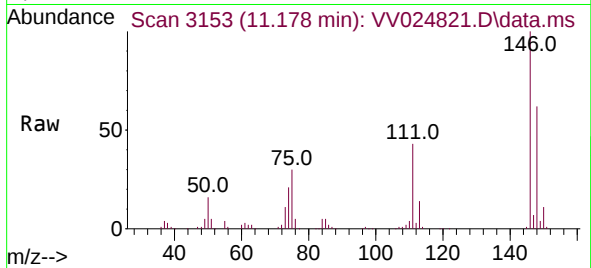




#64
1,3-Dichlorobenzene
Concen: 5.091 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

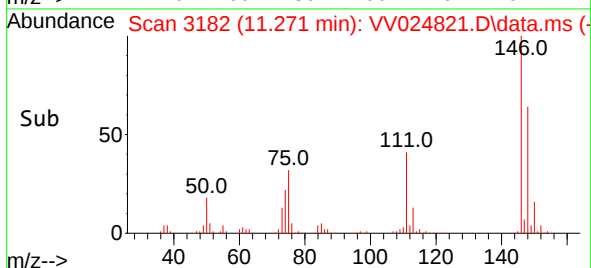
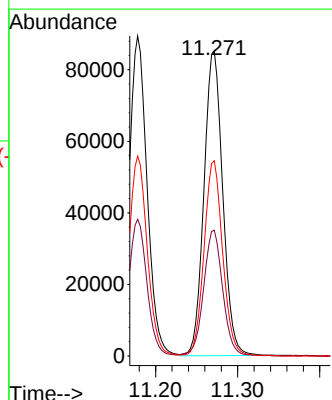
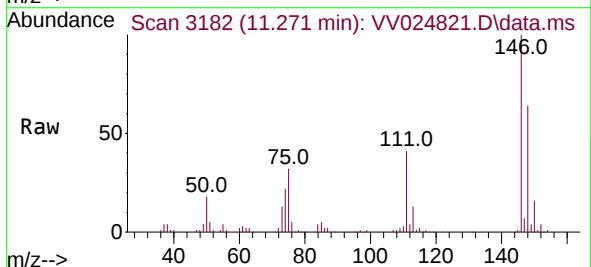
Instrument :
MSVOA_V
ClientSampleId :

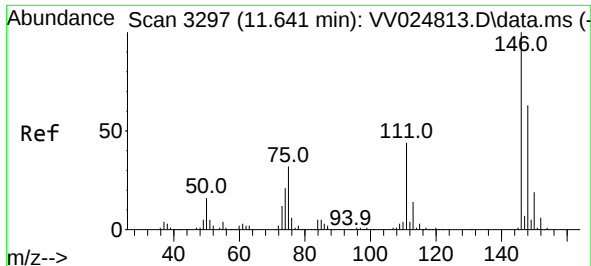
Tgt Ion:146 Resp: 137001
Ion Ratio Lower Upper
146 100
111 42.8 31.0 57.6
148 62.4 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 5.037 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

Tgt Ion:146 Resp: 135395
Ion Ratio Lower Upper
146 100
111 41.3 28.3 52.7
148 64.0 44.0 81.8

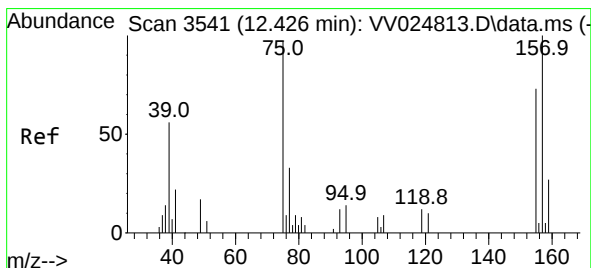
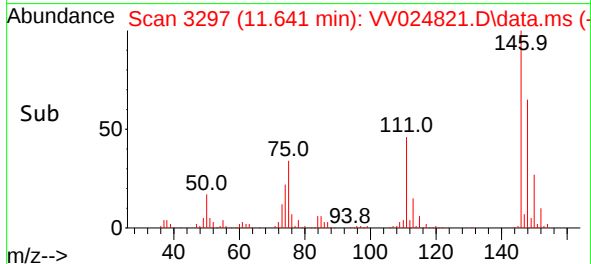
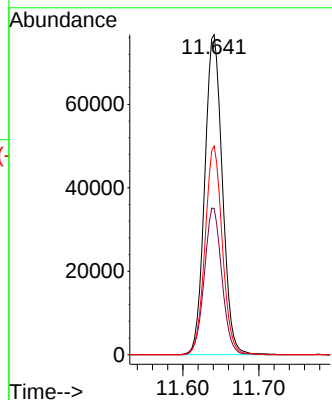
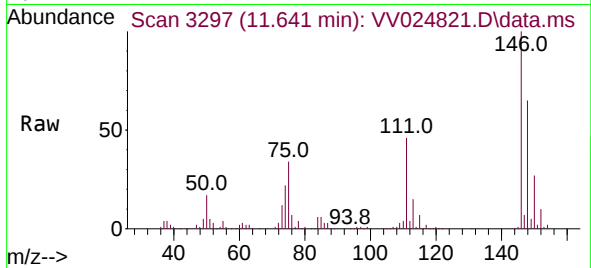




#67
 1,2-Dichlorobenzene
 Concen: 5.194 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV024821.D
 Acq: 24 Feb 2022 16:08

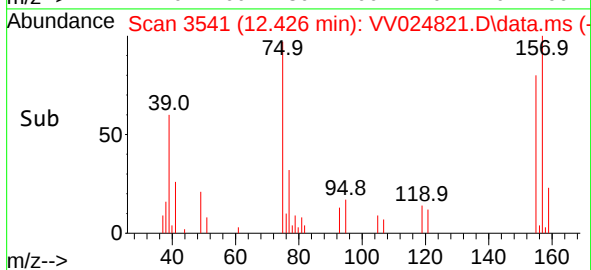
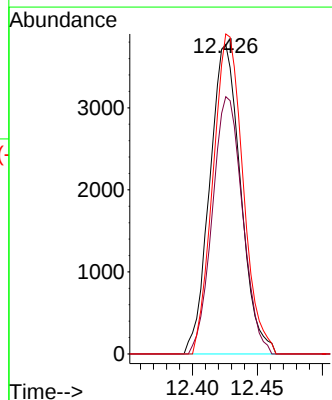
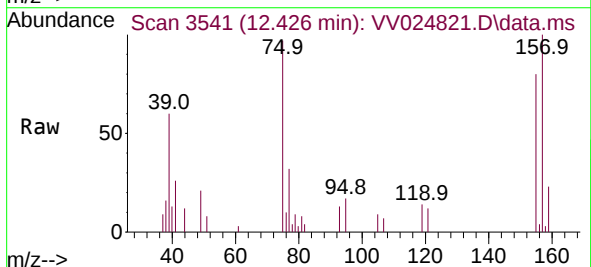
Instrument :
 MSVOA_V
 ClientSampleId :

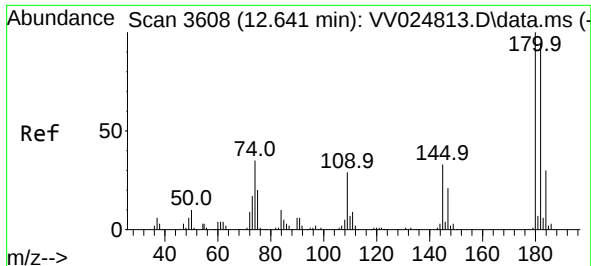
Tgt Ion:146 Resp: 123312
 Ion Ratio Lower Upper
 146 100
 111 45.7 36.0 54.0
 148 65.1 50.4 75.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.218 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV024821.D
 Acq: 24 Feb 2022 16:08

Tgt Ion: 75 Resp: 6237
 Ion Ratio Lower Upper
 75 100
 155 83.2 61.7 92.5
 157 103.5 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.009 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. 0.000 min

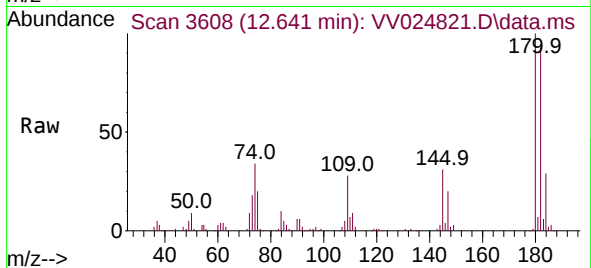
Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 95589

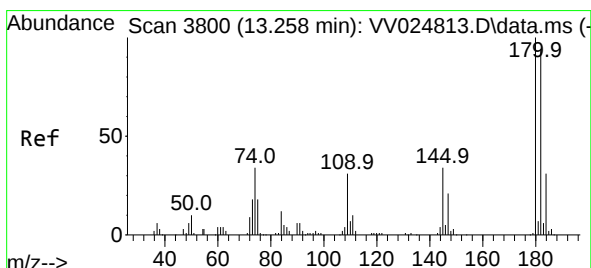
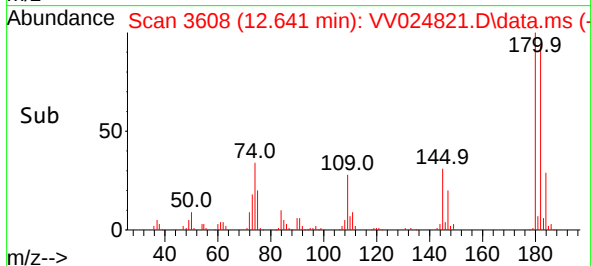
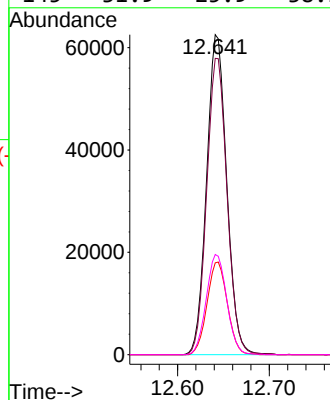
Ion Ratio Lower Upper

180 100

182 93.5 74.6 111.8

184 29.2 23.8 35.8

145 31.9 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 4.987 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024821.D

Acq: 24 Feb 2022 16:08

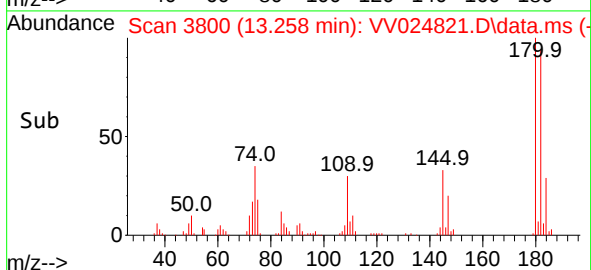
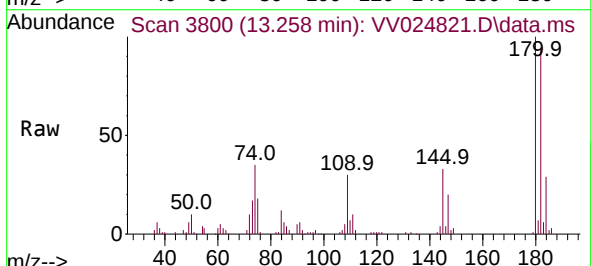
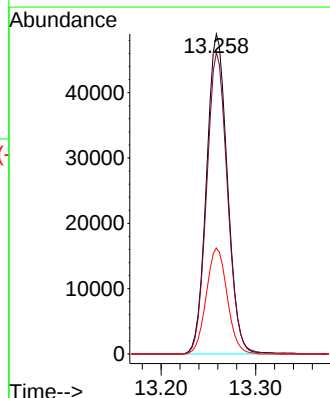
Tgt Ion:180 Resp: 74982

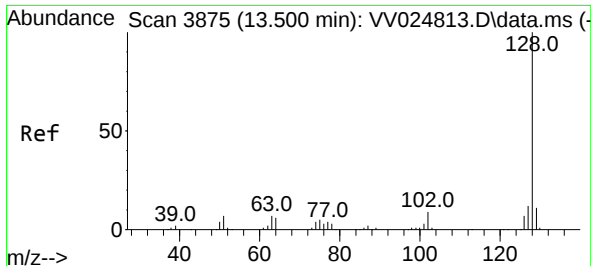
Ion Ratio Lower Upper

180 100

182 94.0 75.0 112.6

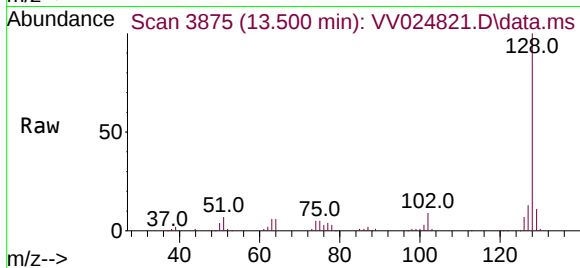
145 33.3 26.9 40.3



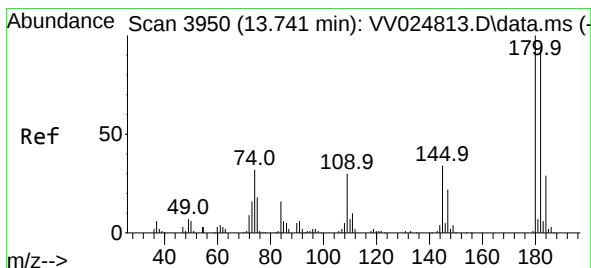
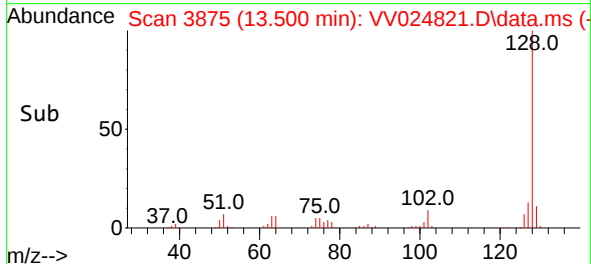
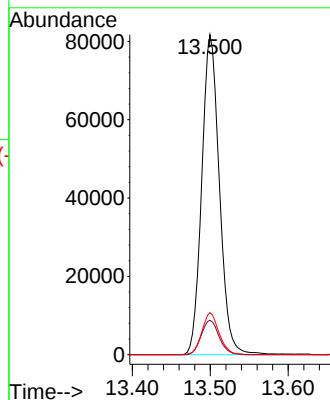


#71
Naphthalene
Concen: 5.030 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 128602
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.087 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024821.D
Acq: 24 Feb 2022 16:08

Tgt Ion:180 Resp: 64007
Ion Ratio Lower Upper
180 100
182 94.8 75.6 113.4
145 35.9 28.5 42.7

