

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071322\
 Data File : VW026766.D
 Acq On : 13 Jul 2022 20:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 23:06:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 13 23:00:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	249443	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	253851	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	131832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	88407	3.885	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.561	69	81147	4.127	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.102	63	185509	4.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	3.899	46	156269	43.999	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.000%
24) Chloroform-d	4.346	84	187059	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.031	65	82022	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.043	84	347023	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.066	67	105709	4.571	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.314	98	319955	4.673	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.622	79	30290	4.003	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.088	63	160950	49.129	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	84079	4.667	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	101038	4.399	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	157105	4.954	ug/L	100
3) Chloromethane	1.237	50	138566	4.554	ug/L	97
5) Vinyl chloride	1.304	62	156821	5.061	ug/L	99
6) Bromomethane	1.516	94	96015	5.177	ug/L	97
8) Chloroethane	1.577	64	95982	5.258	ug/L	91
9) Trichlorofluoromethane	1.745	101	198229	5.034	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	110902	4.917	ug/L	99
12) 1,1-Dichloroethene	2.111	96	108344	4.954	ug/L	97
13) Acetone	2.182	43	99266	33.219	ug/L	# 23
14) Carbon disulfide	2.285	76	325735	5.055	ug/L	99
15) Methyl Acetate	2.436	43	33418	5.529	ug/L	100
16) Methylene chloride	2.500	84	127905	4.910	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	190769	5.063	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	105948	5.270	ug/L	97
19) 1,1-Dichloroethane	3.182	63	200269	5.456	ug/L	99
21) 2-Butanone	3.982	43	155770	44.697	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	103414	5.101	ug/L	97
23) Bromochloromethane	4.246	128	48851	5.230	ug/L	96
25) Chloroform	4.372	83	202618	5.270	ug/L	99

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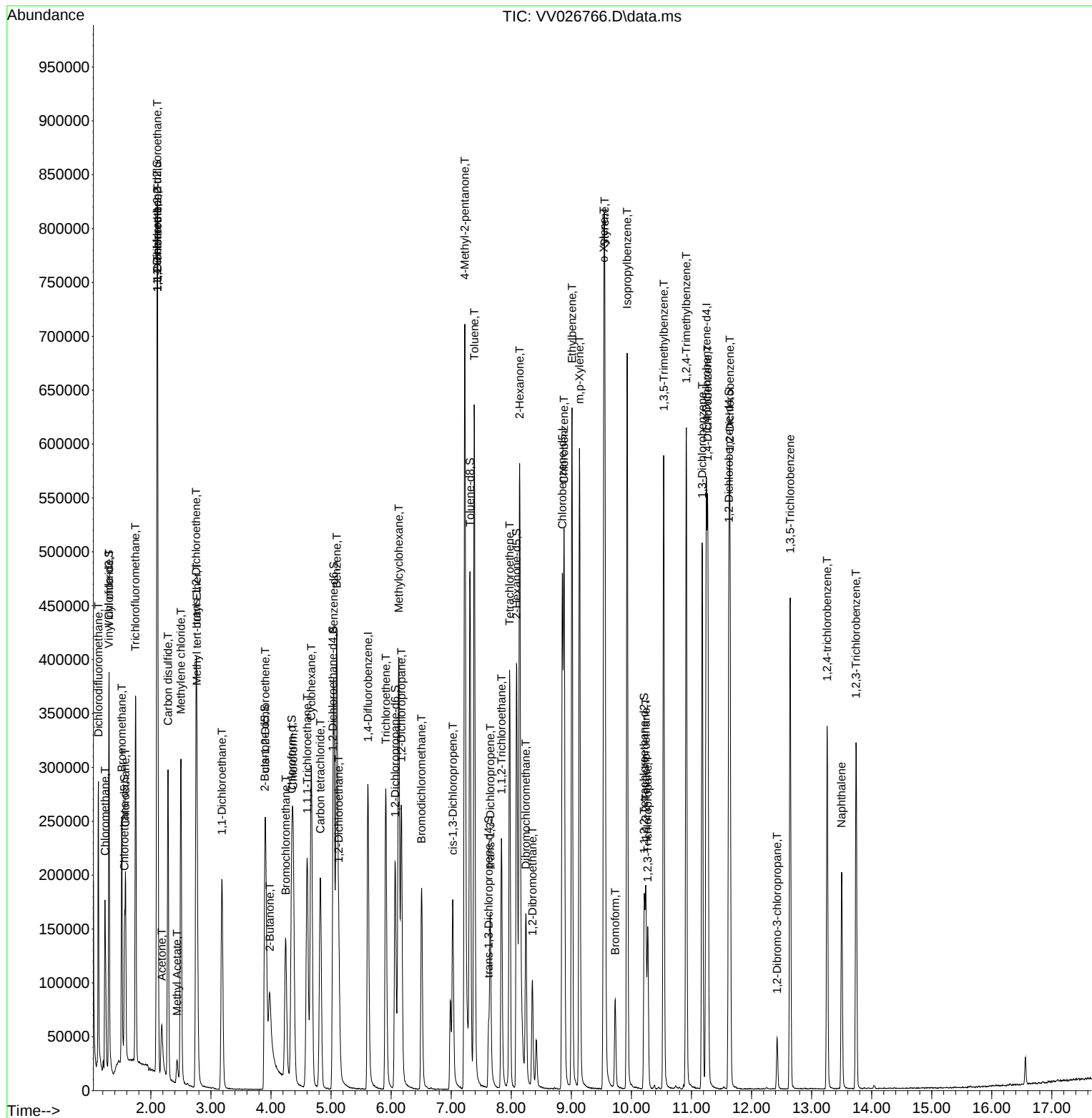
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	108306	5.228	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	174901	5.113	ug/L	100
30) Cyclohexane	4.671	56	145732	4.999	ug/L	100
31) Carbon tetrachloride	4.822	117	148802	4.926	ug/L	98
33) Benzene	5.095	78	438182	5.163	ug/L	100
34) Trichloroethene	5.912	95	103019	4.939	ug/L	97
35) Methylcyclohexane	6.127	83	150678	4.733	ug/L	95
37) 1,2-Dichloropropane	6.172	63	108838	5.363	ug/L	99
38) Bromodichloromethane	6.506	83	132622	5.013	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	117247	4.649	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	515094	54.949	ug/L	98
42) Toluene	7.384	91	462985	5.401	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	99404	4.800	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	77147	5.200	ug/L	99
47) Tetrachloroethene	7.973	164	84960	5.193	ug/L	98
48) 2-Hexanone	8.140	43	387656	57.138	ug/L	98
49) Dibromochloromethane	8.243	129	81573	4.771	ug/L	98
50) 1,2-Dibromoethane	8.352	107	69414	5.288	ug/L	96
51) Chlorobenzene	8.879	112	279204	5.152	ug/L	99
52) Ethylbenzene	9.011	91	422440	4.980	ug/L	99
53) m,p-Xylene	9.137	106	169953	5.152	ug/L	100
54) o-Xylene	9.542	106	157863	5.036	ug/L	96
55) Styrene	9.558	104	287620	5.236	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	90270	5.140	ug/L	94
59) Bromoform	9.731	173	36467	4.311	ug/L	97
60) Isopropylbenzene	9.931	105	417893	5.082	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	62047	5.103	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	312695	4.780	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	321641	4.842	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	203719	5.057	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	207802	5.073	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	188946	5.022	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	12198	4.733	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	134205	4.713	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	100280	4.631	ug/L	100
71) Naphthalene	13.500	128	159153	4.436	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	93689	4.649	ug/L	99

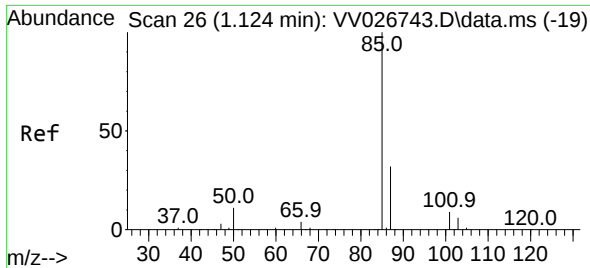
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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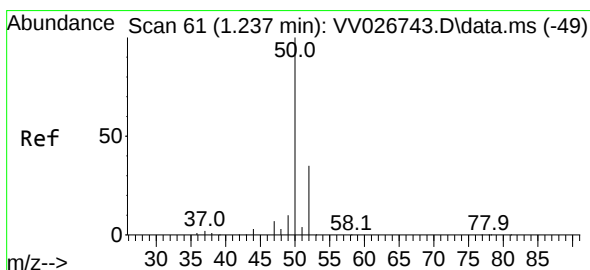
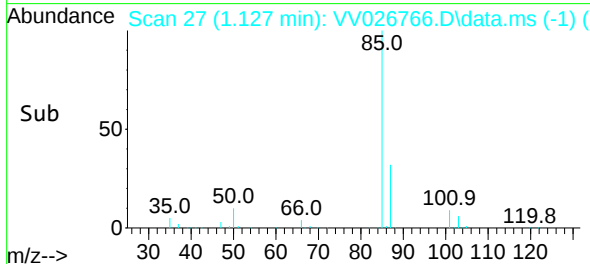
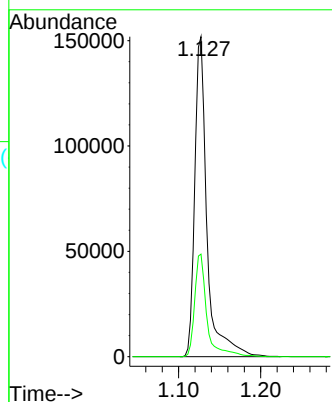
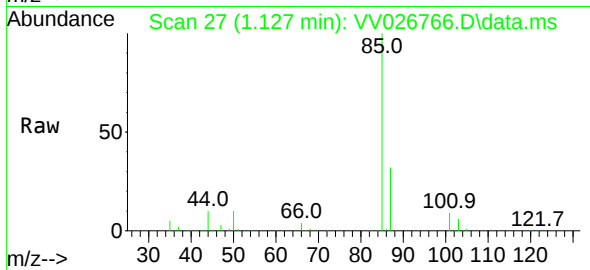




#2
 Dichlorodifluoromethane
 Concen: 4.954 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026766.D
 Acq: 13 Jul 2022 20:53

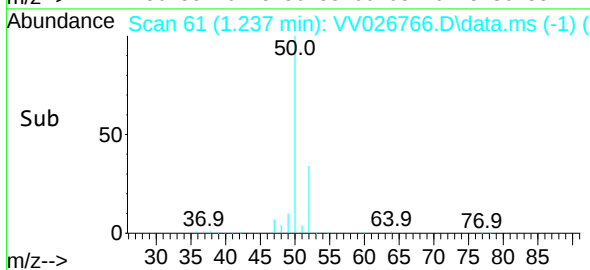
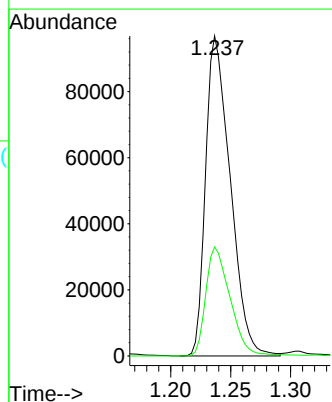
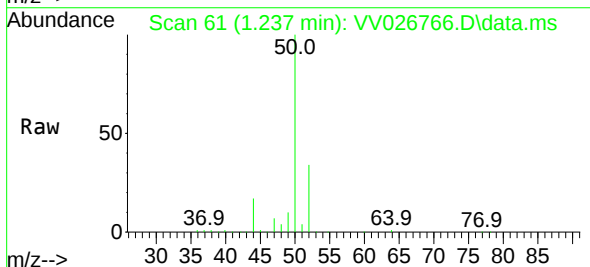
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 ClientSampleId :

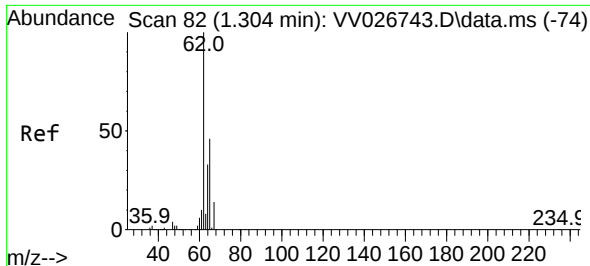
Tgt Ion: 85 Resp: 157105
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.8



#3
 Chloromethane
 Concen: 4.554 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV026766.D
 Acq: 13 Jul 2022 20:53

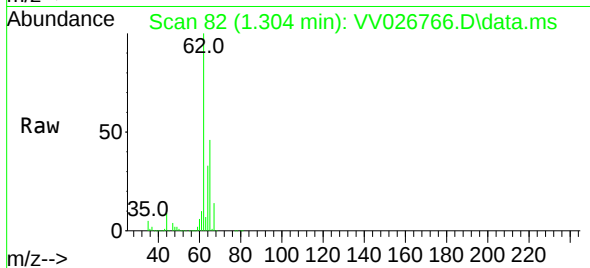
Tgt Ion: 50 Resp: 138566
 Ion Ratio Lower Upper
 50 100
 52 34.0 22.8 42.4



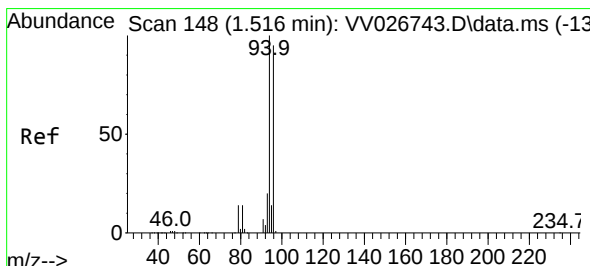
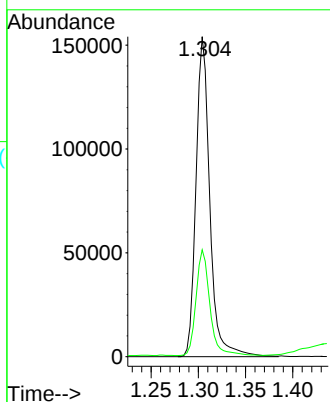
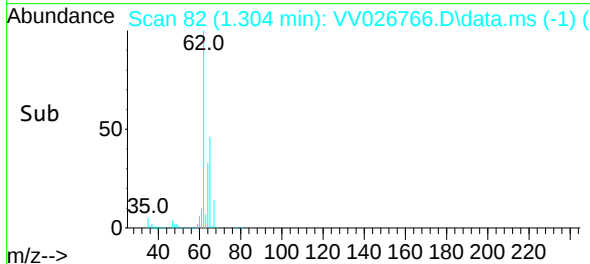


#5
 Vinyl chloride
 Concen: 5.061 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VV026766.D
 Acq: 13 Jul 2022 20:53

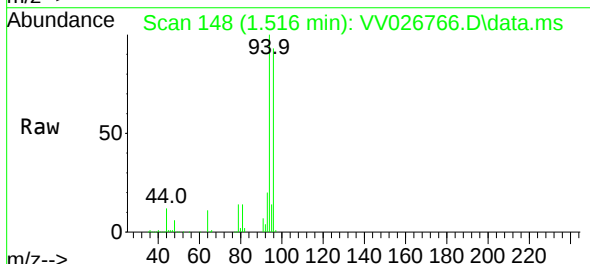
Instrument :
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 ClientSampleId :



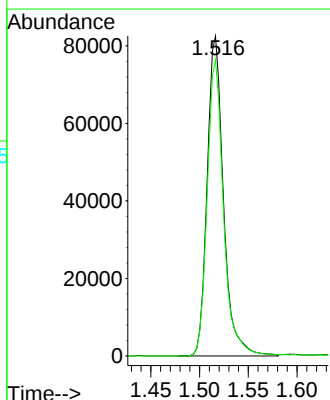
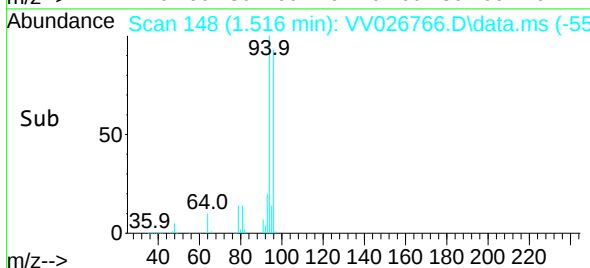
Tgt Ion: 62 Resp: 156821
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.9 42.5

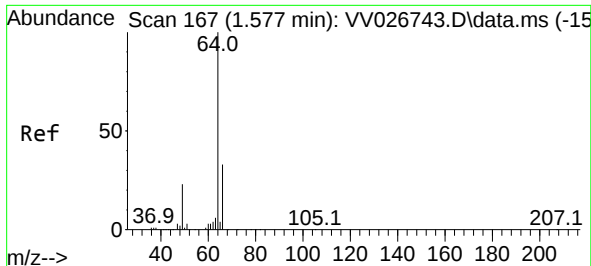


#6
 Bromomethane
 Concen: 5.177 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV026766.D
 Acq: 13 Jul 2022 20:53



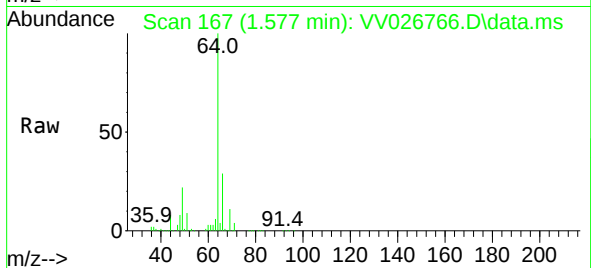
Tgt Ion: 94 Resp: 96015
 Ion Ratio Lower Upper
 94 100
 96 92.5 67.1 124.7



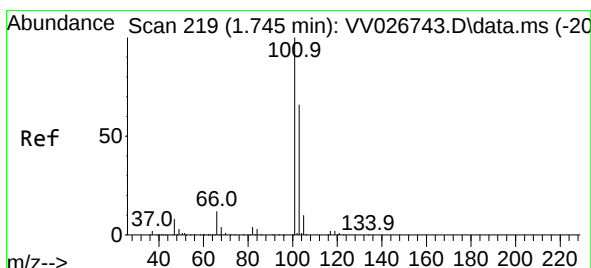
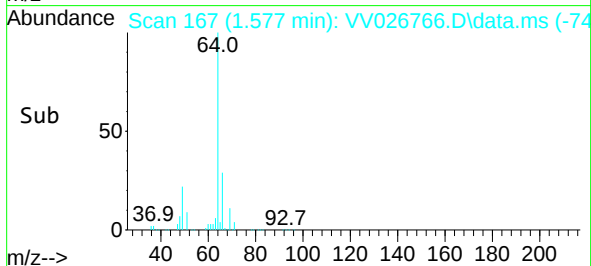
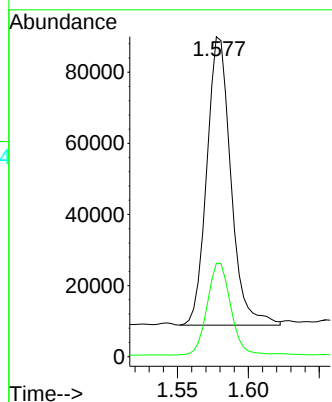


#8
Chloroethane
Concen: 5.258 ug/L
RT: 1.577 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

Instrument :
MSVOA_V
ClientSampleId :

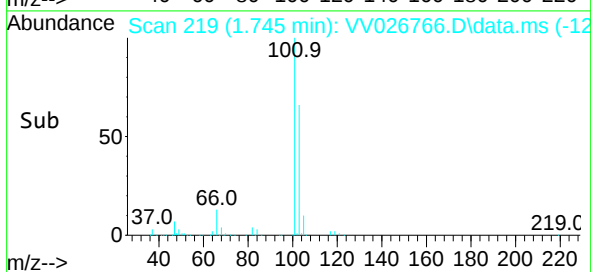
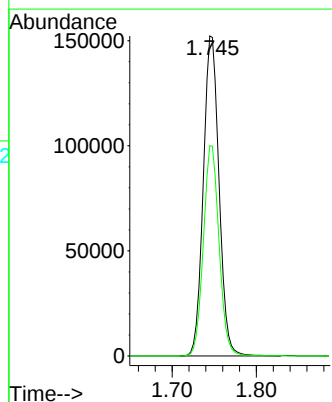
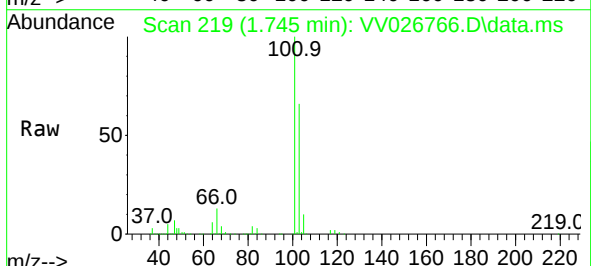


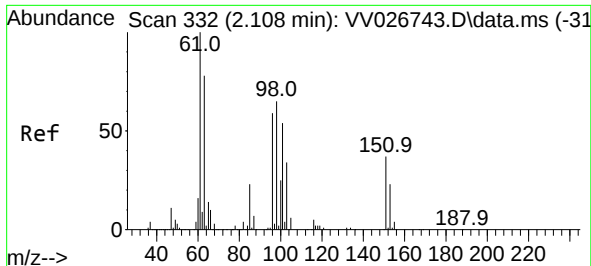
Tgt Ion: 64 Resp: 95982
Ion Ratio Lower Upper
64 100
66 29.2 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.034 ug/L
RT: 1.745 min Scan# 219
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

Tgt Ion: 101 Resp: 198229
Ion Ratio Lower Upper
101 100
103 65.5 51.6 77.4

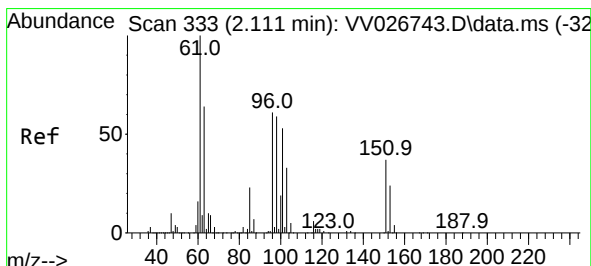
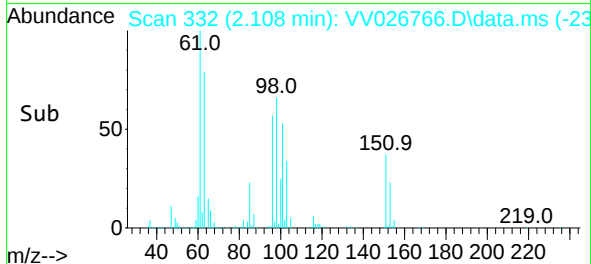
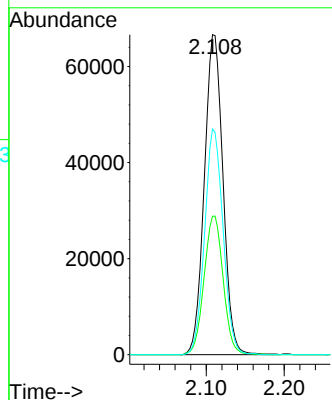
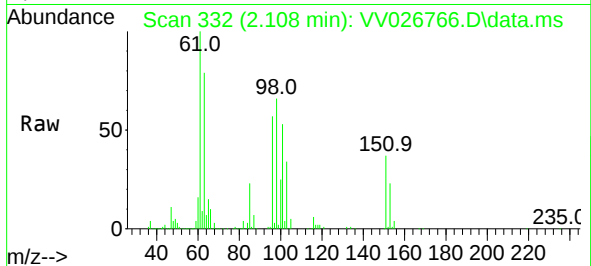




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.917 ug/L
 RT: 2.108 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV026766.D
 Acq: 13 Jul 2022 20:53

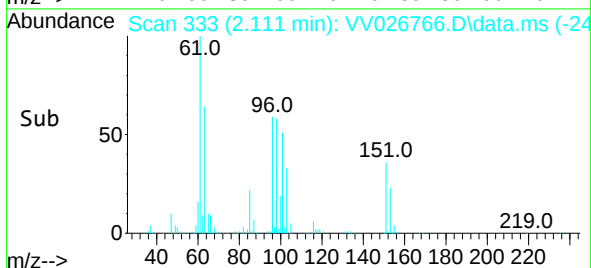
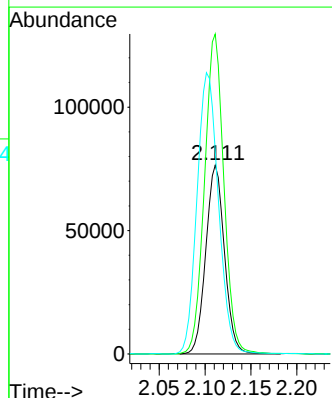
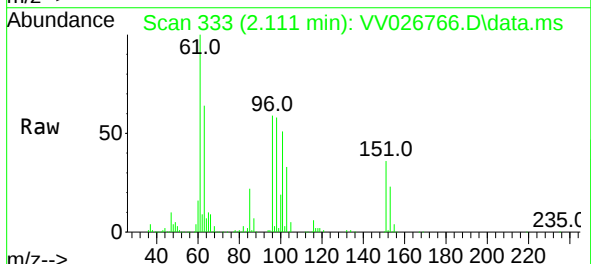
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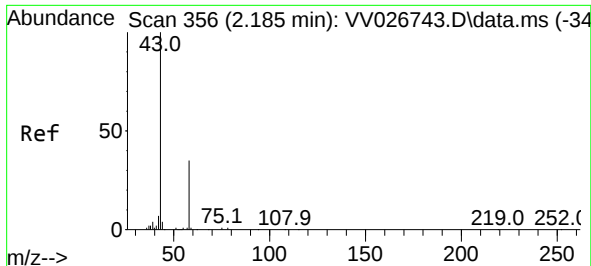
Tgt Ion:101 Resp: 110902
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.0 52.4
 151 69.9 56.7 85.1



#12
 1,1-Dichloroethene
 Concen: 4.954 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV026766.D
 Acq: 13 Jul 2022 20:53

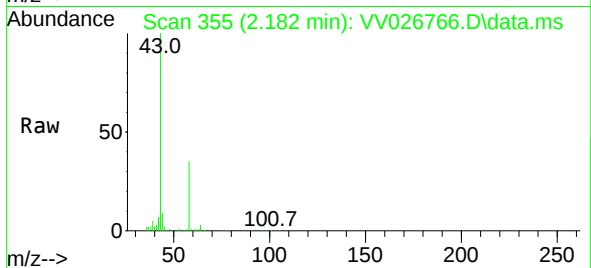
Tgt Ion: 96 Resp: 108344
 Ion Ratio Lower Upper
 96 100
 61 169.5 118.3 219.7
 63 107.7 79.9 148.3



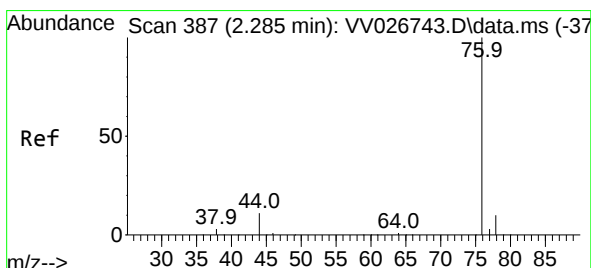
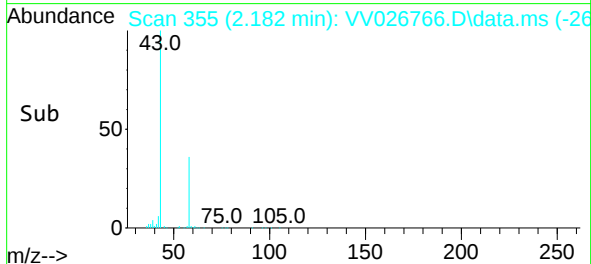
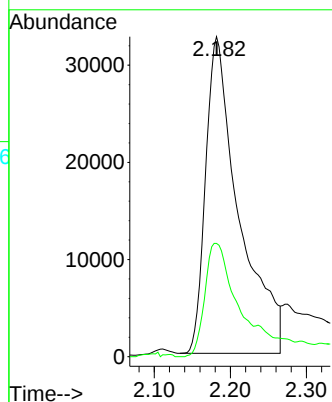


#13
Acetone
Concen: 33.219 ug/L
RT: 2.182 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV026766.D
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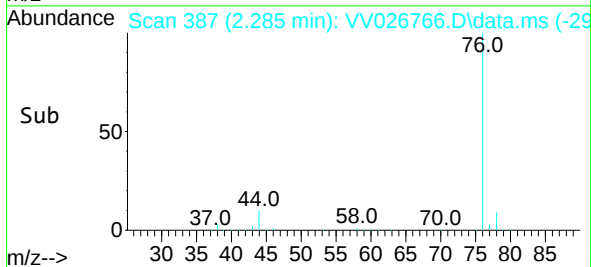
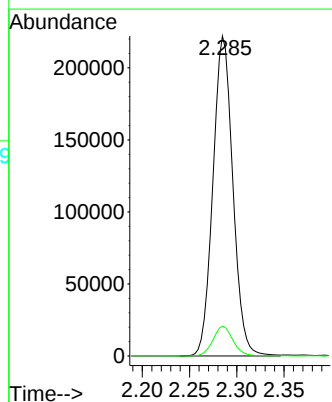
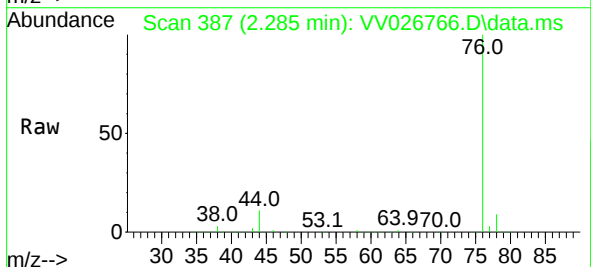


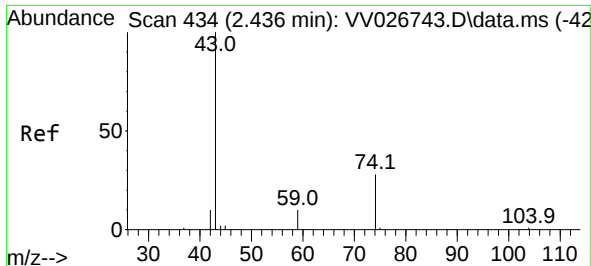
Tgt Ion: 43 Resp: 99266
Ion Ratio Lower Upper
43 100
58 39.2 0.0 20.6#



#14
Carbon disulfide
Concen: 5.055 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
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Acq: 13 Jul 2022 20:53

Tgt Ion: 76 Resp: 325735
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5

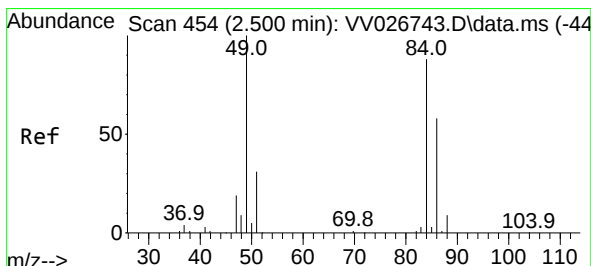
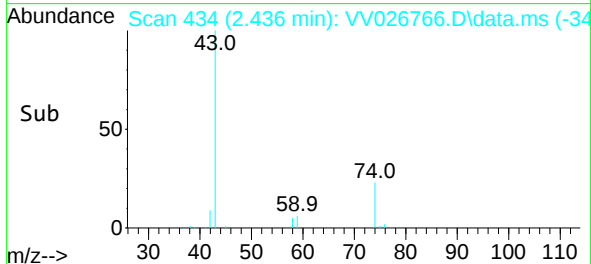
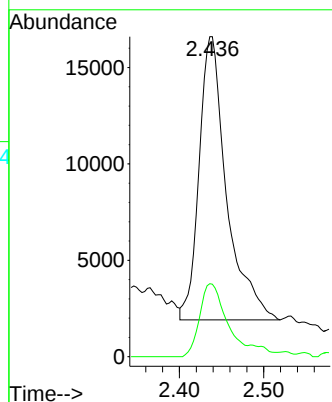
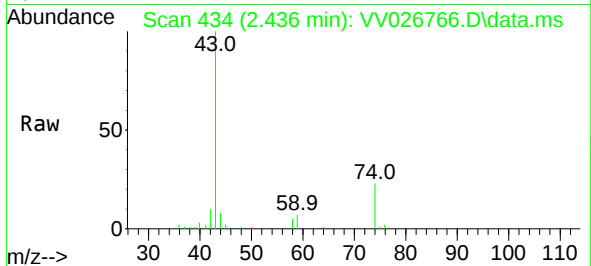




#15
Methyl Acetate
Concen: 5.529 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

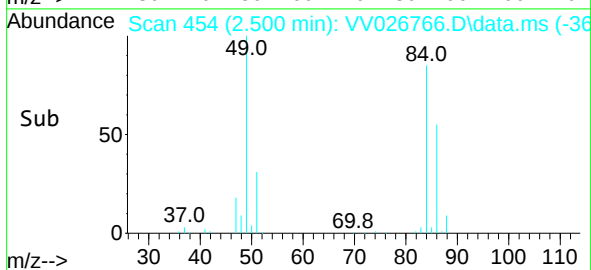
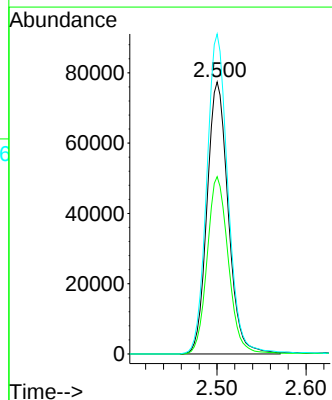
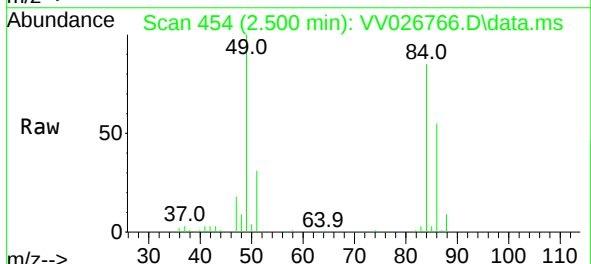
Instrument :
MSVOA_V
ClientSampleId :

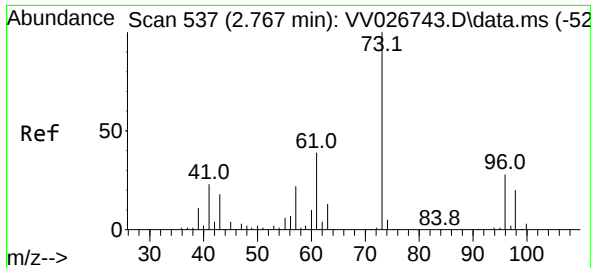
Tgt Ion: 43 Resp: 33418
Ion Ratio Lower Upper
43 100
74 25.0 20.1 30.1



#16
Methylene chloride
Concen: 4.910 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

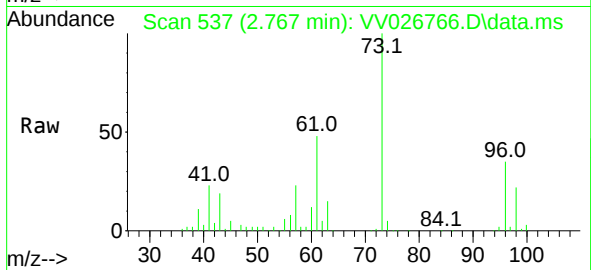
Tgt Ion: 84 Resp: 127905
Ion Ratio Lower Upper
84 100
86 65.2 44.8 83.2
49 117.6 78.7 146.1



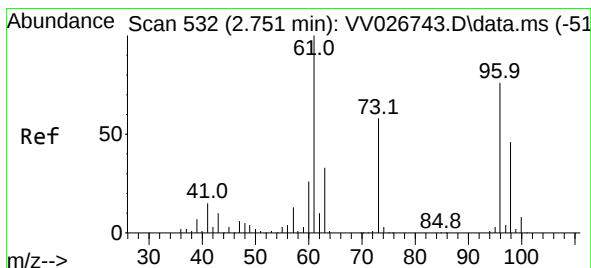
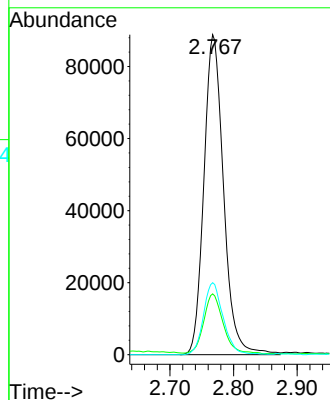
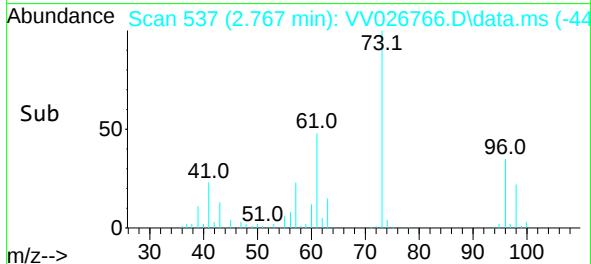


#17
Methyl tert-butyl Ether
Concen: 5.063 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

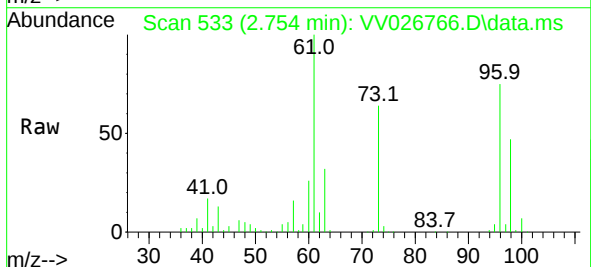
Instrument :
MSVOA_V
ClientSampleId :



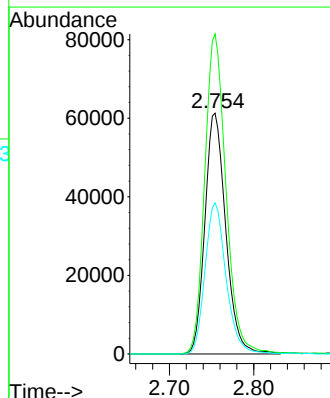
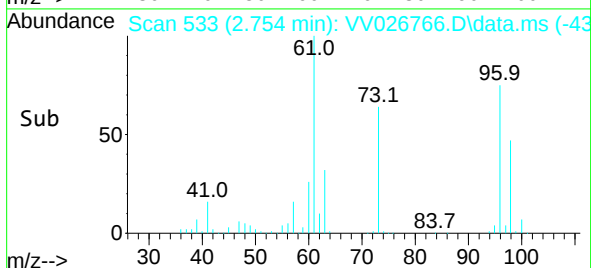
Tgt Ion: 73 Resp: 190769
Ion Ratio Lower Upper
73 100
43 18.5 14.0 21.0
57 22.4 17.6 26.4

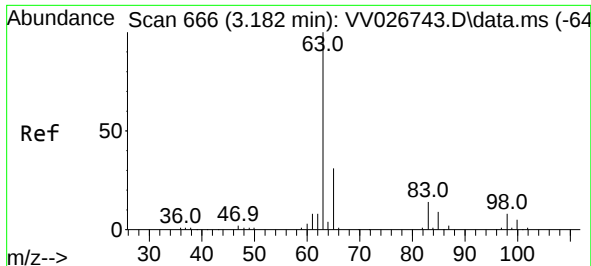


#18
trans-1,2-Dichloroethene
Concen: 5.270 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53



Tgt Ion: 96 Resp: 105948
Ion Ratio Lower Upper
96 100
61 132.9 94.7 175.9
98 62.8 47.4 88.0





#19

1,1-Dichloroethane

Concen: 5.456 ug/L

RT: 3.182 min Scan# 666

Delta R.T. 0.000 min

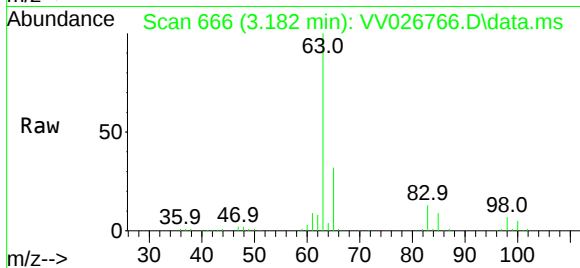
Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

Instrument :

MSVOA_V

ClientSampleId :



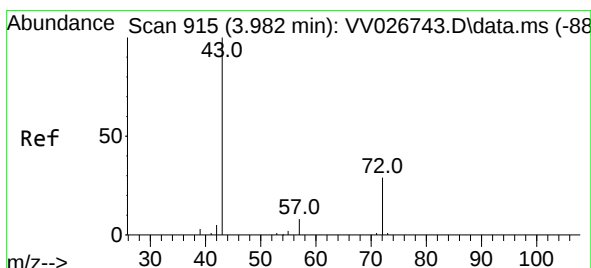
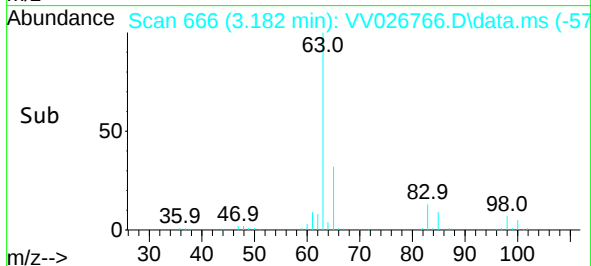
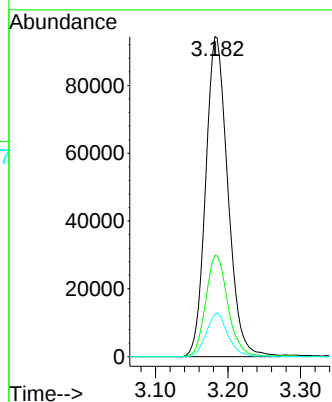
Tgt Ion: 63 Resp: 200269

Ion Ratio Lower Upper

63 100

65 31.7 22.3 41.3

83 13.2 9.9 18.5



#21

2-Butanone

Concen: 44.697 ug/L

RT: 3.982 min Scan# 915

Delta R.T. 0.000 min

Lab File: VV026766.D

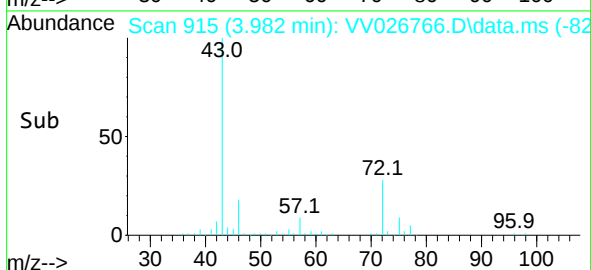
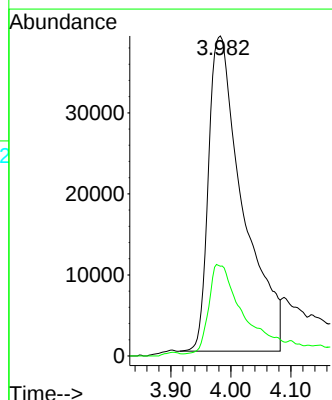
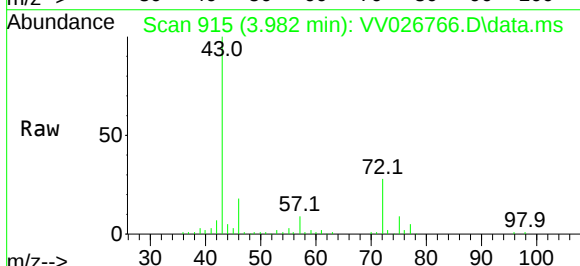
Acq: 13 Jul 2022 20:53

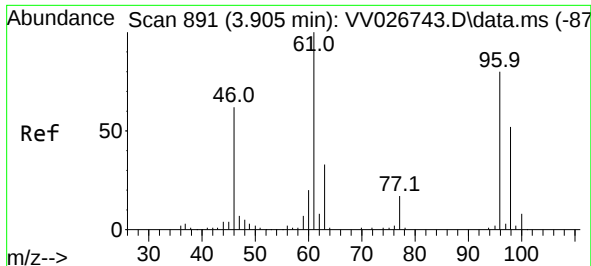
Tgt Ion: 43 Resp: 155770

Ion Ratio Lower Upper

43 100

72 28.5 13.9 41.7





#22

cis-1,2-Dichloroethene

Concen: 5.101 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

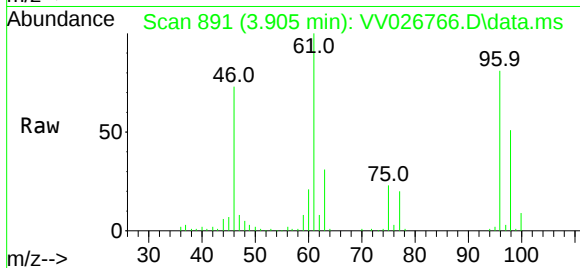
Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

Instrument :

MSVOA_V

ClientSampleId :



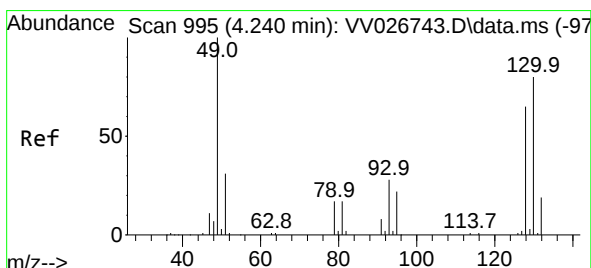
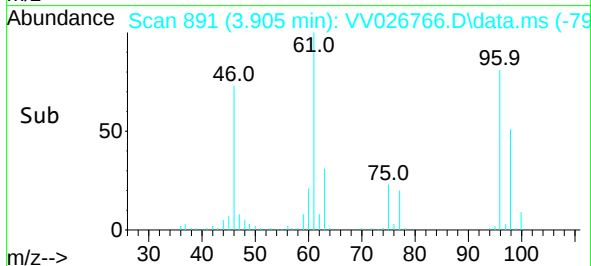
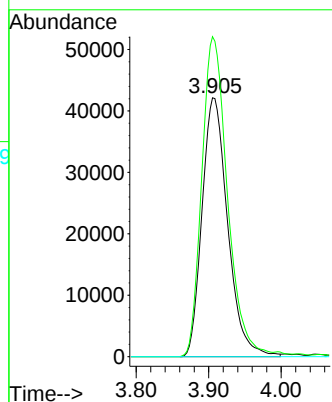
Tgt Ion: 96 Resp: 103414

Ion Ratio Lower Upper

96 100

61 123.6 83.9 155.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.230 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.006 min

Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

Tgt Ion: 128 Resp: 48851

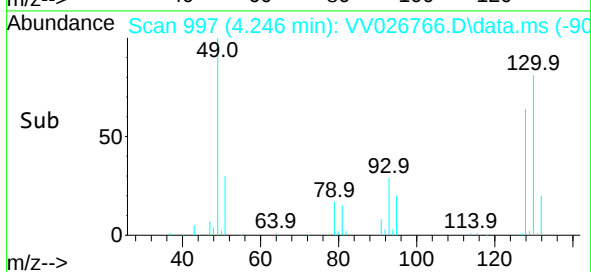
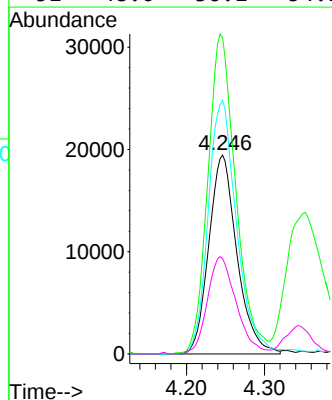
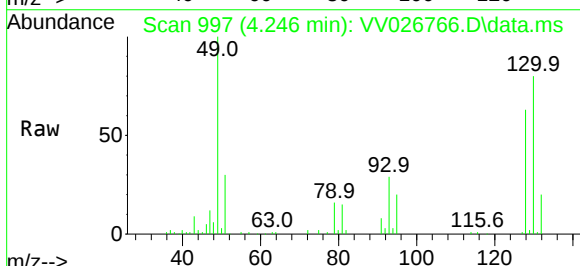
Ion Ratio Lower Upper

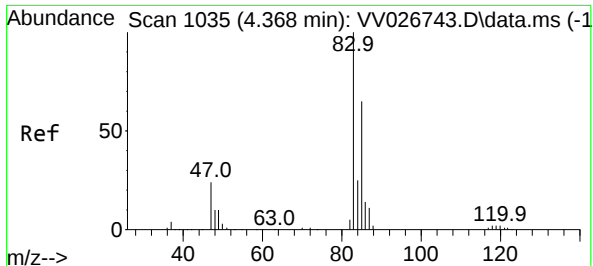
128 100

49 158.9 107.2 199.2

130 127.5 87.1 161.7

51 48.0 36.1 54.1





#25

Chloroform

Concen: 5.270 ug/L

RT: 4.372 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

Instrument :

MSVOA_V

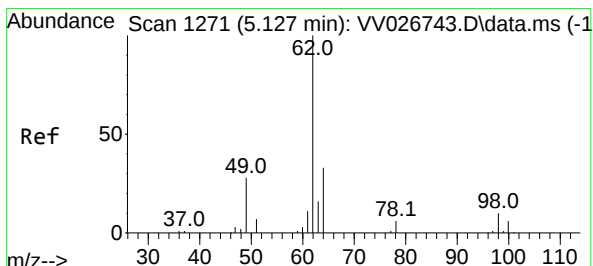
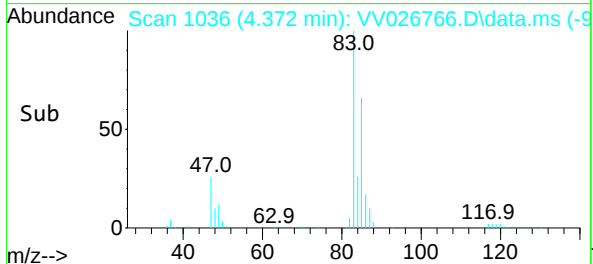
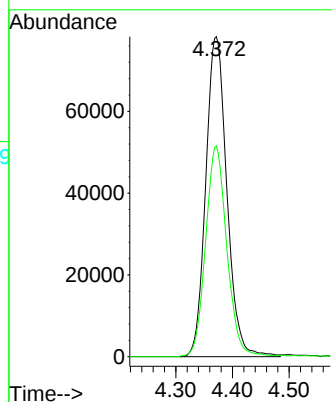
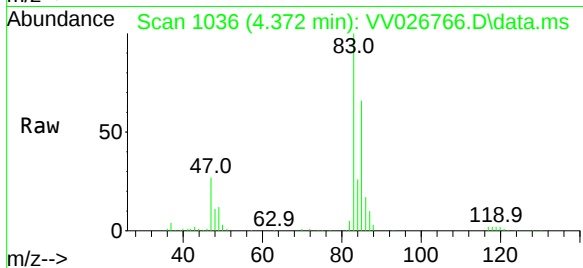
ClientSampleId :

Tgt Ion: 83 Resp: 202618

Ion Ratio Lower Upper

83 100

85 65.9 45.7 84.9



#27

1,2-Dichloroethane

Concen: 5.228 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV026766.D

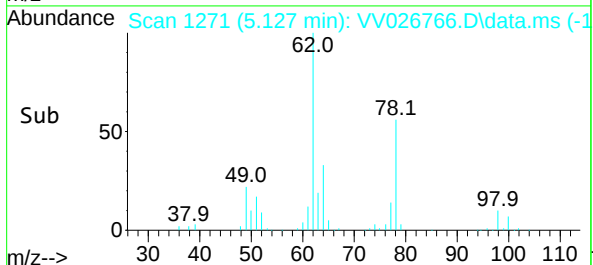
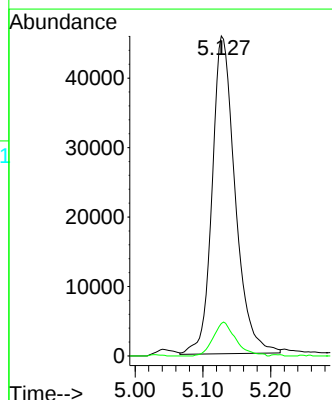
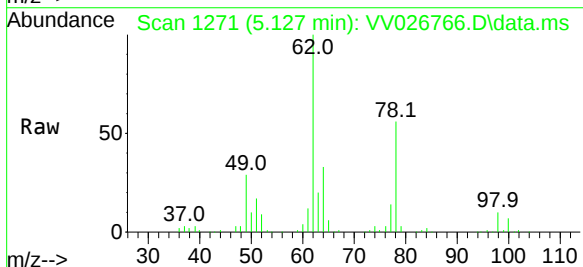
Acq: 13 Jul 2022 20:53

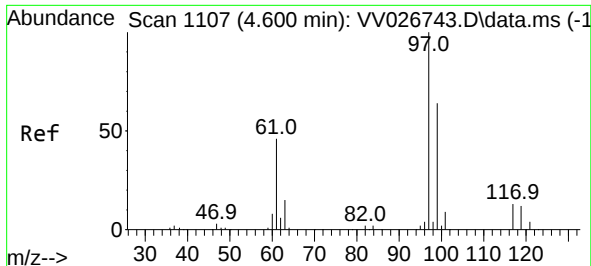
Tgt Ion: 62 Resp: 108306

Ion Ratio Lower Upper

62 100

98 10.1 8.3 12.5





#29

1,1,1-Trichloroethane

Concen: 5.113 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

Instrument :

MSVOA_V

ClientSampleId :

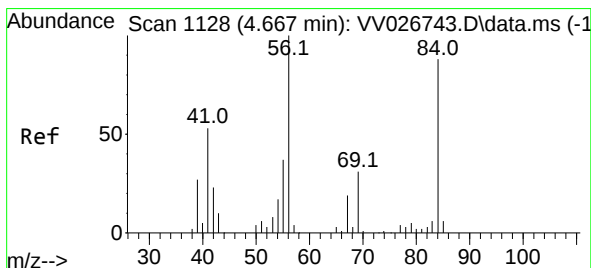
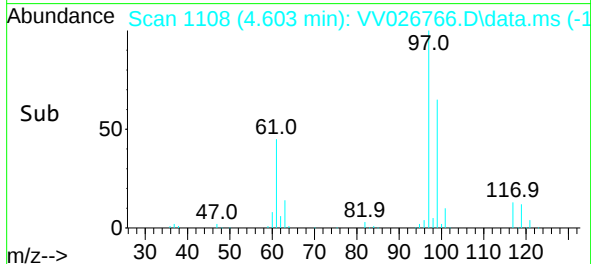
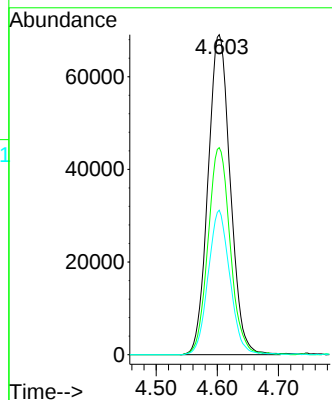
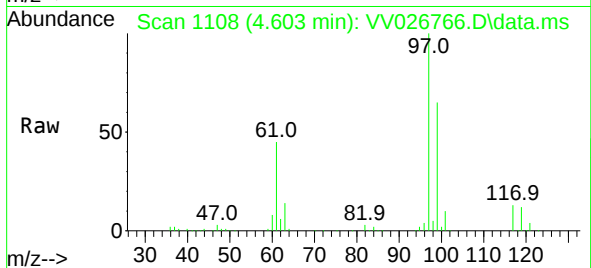
Tgt Ion: 97 Resp: 174901

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 44.2 35.1 52.7



#30

Cyclohexane

Concen: 4.999 ug/L

RT: 4.671 min Scan# 1129

Delta R.T. 0.003 min

Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

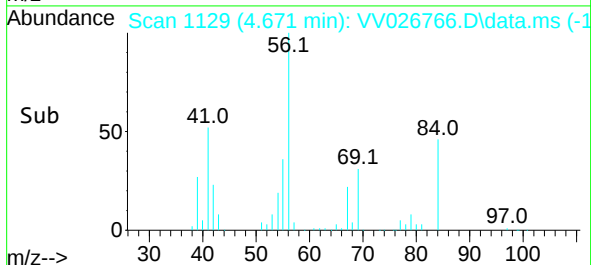
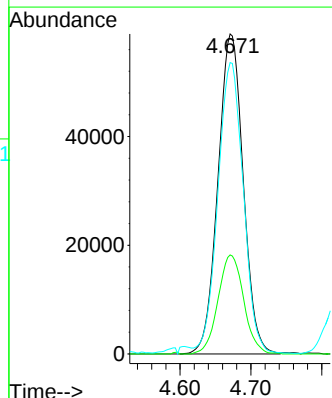
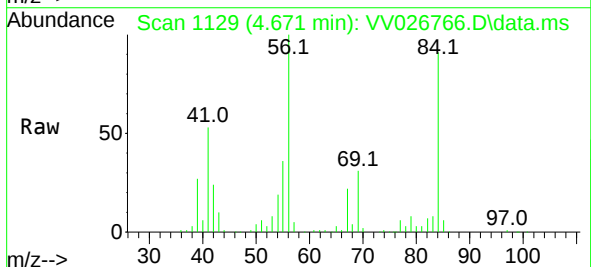
Tgt Ion: 56 Resp: 145732

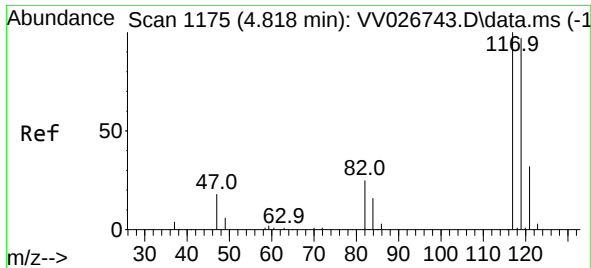
Ion Ratio Lower Upper

56 100

69 31.5 25.1 37.7

84 92.1 74.0 111.0

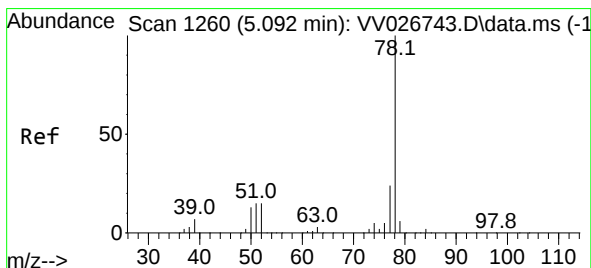
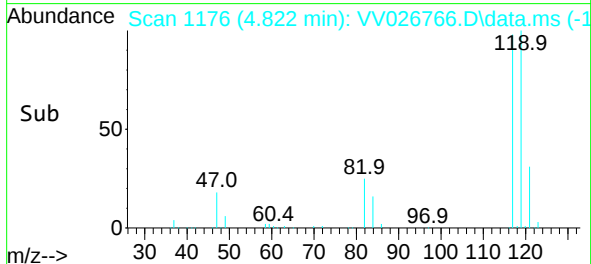
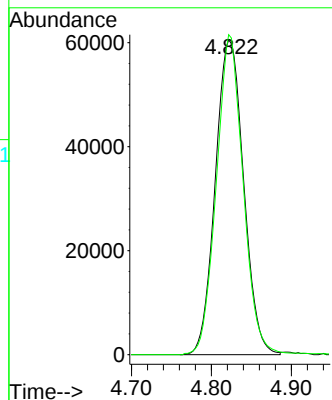
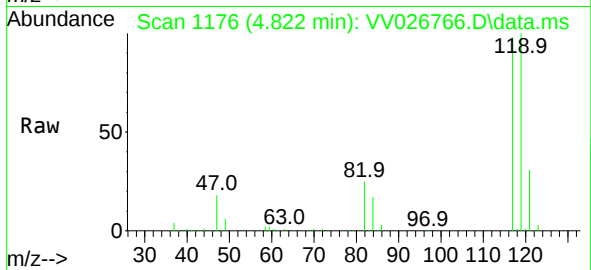




#31
Carbon tetrachloride
Concen: 4.926 ug/L
RT: 4.822 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

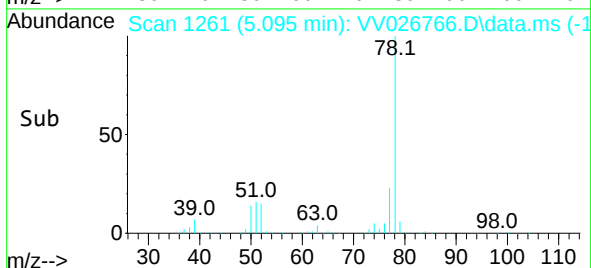
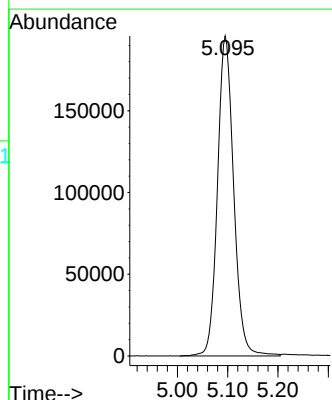
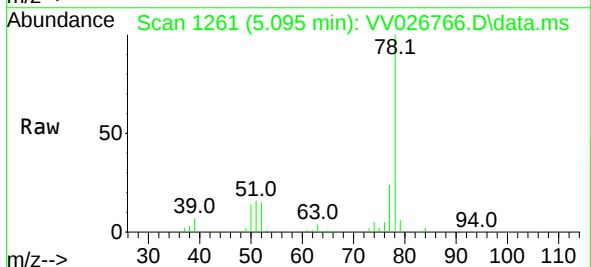
Instrument :
MSVOA_V
ClientSampleId :

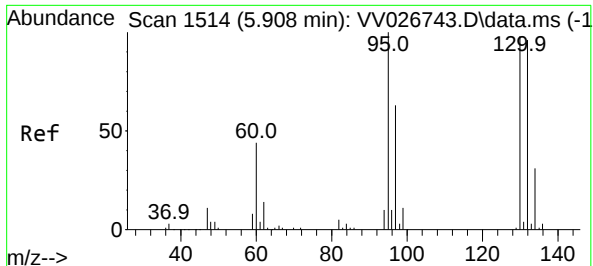
Tgt Ion:117 Resp: 148802
Ion Ratio Lower Upper
117 100
119 96.1 75.1 112.7



#33
Benzene
Concen: 5.163 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

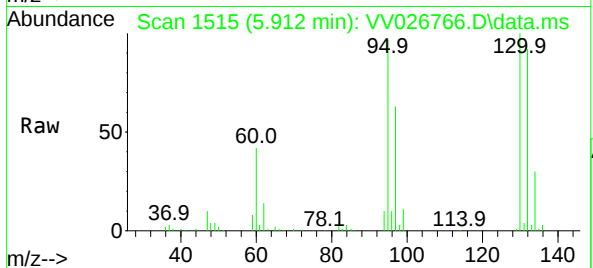
Tgt Ion: 78 Resp: 438182



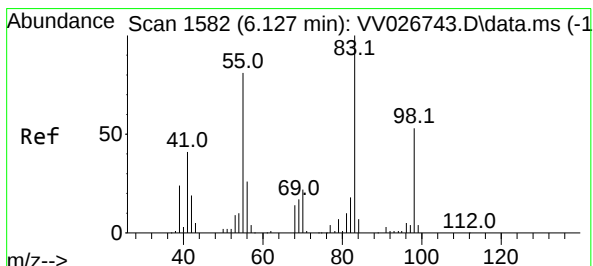
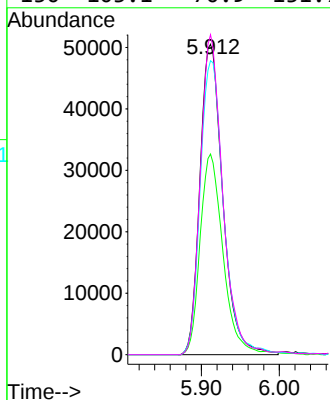
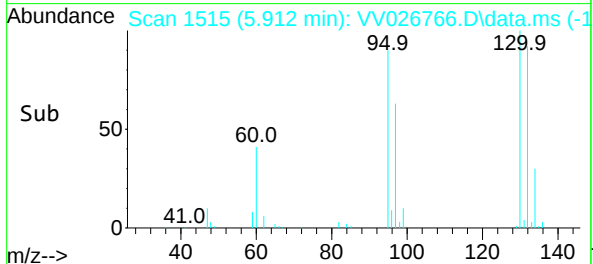


#34
Trichloroethene
Concen: 4.939 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

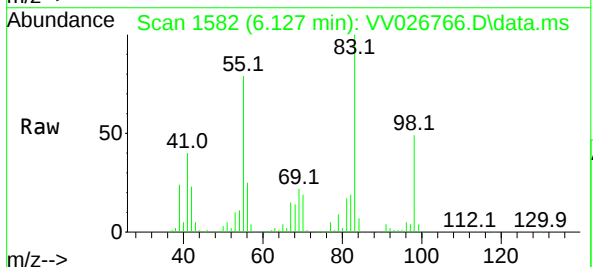
Instrument :
MSVOA_V
ClientSampleId :



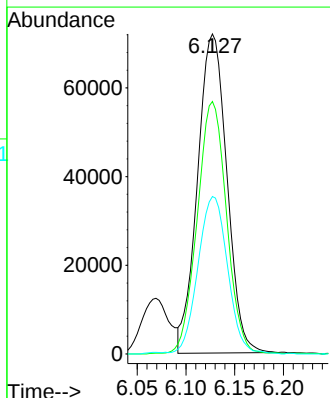
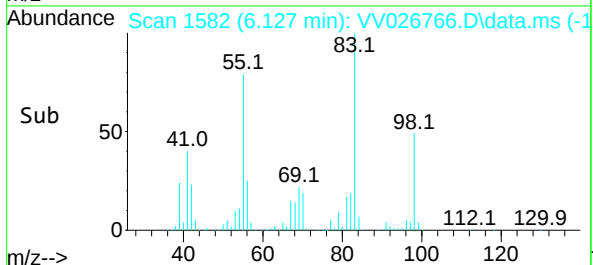
Tgt Ion: 95 Resp: 103019
Ion Ratio Lower Upper
95 100
97 64.6 44.6 82.8
132 94.7 70.2 130.4
130 103.1 70.9 131.7

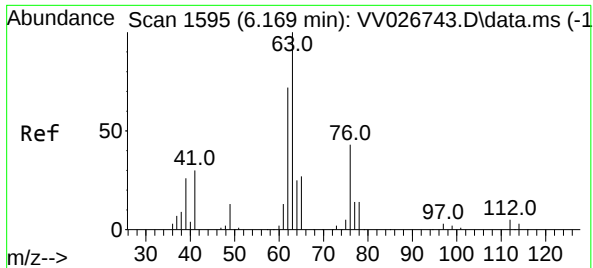


#35
Methylcyclohexane
Concen: 4.733 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53



Tgt Ion: 83 Resp: 150678
Ion Ratio Lower Upper
83 100
55 79.3 59.5 89.3
98 50.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 5.363 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

Instrument :

MSVOA_V

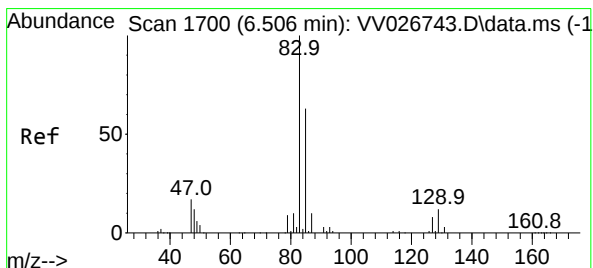
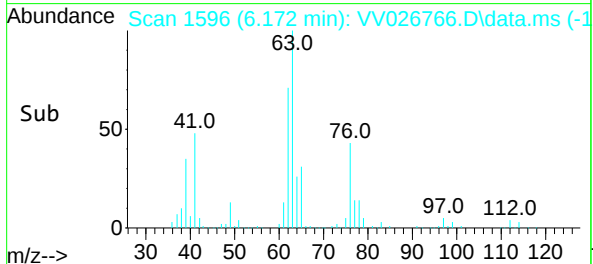
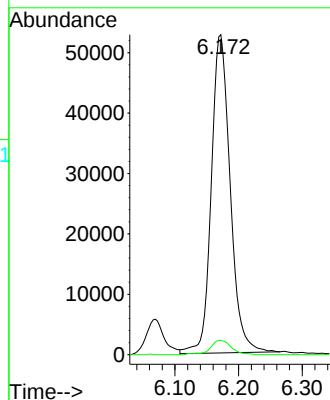
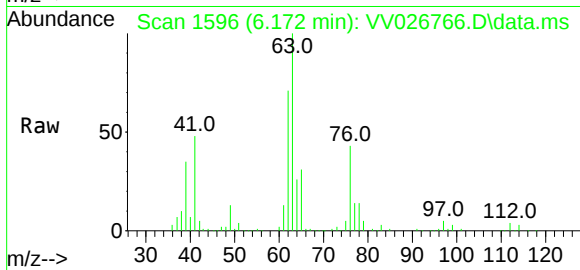
ClientSampleId :

Tgt Ion: 63 Resp: 108838

Ion Ratio Lower Upper

63 100

112 5.0 4.2 6.2



#38

Bromodichloromethane

Concen: 5.013 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

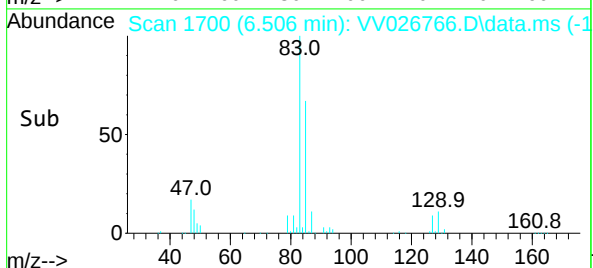
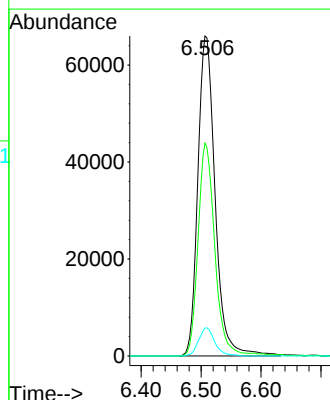
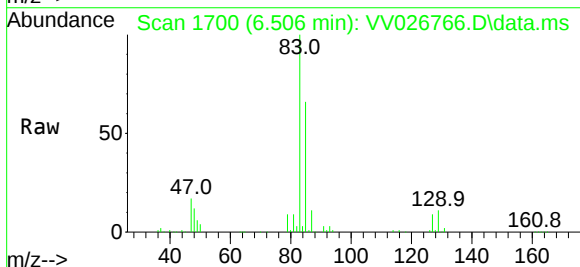
Tgt Ion: 83 Resp: 132622

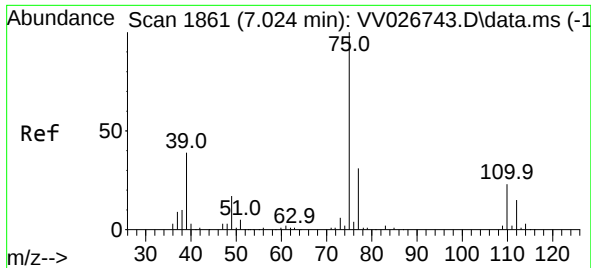
Ion Ratio Lower Upper

83 100

85 66.4 45.4 84.4

127 8.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.649 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

Instrument :

MSVOA_V

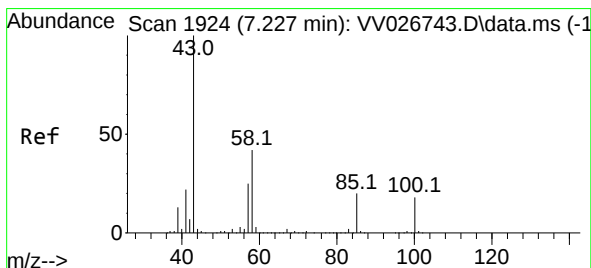
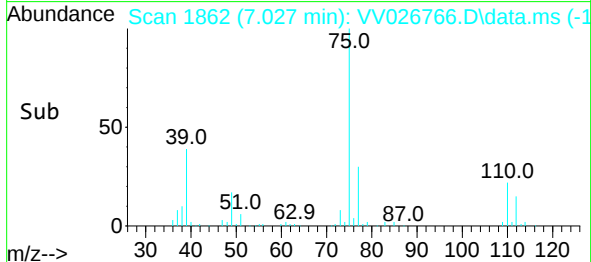
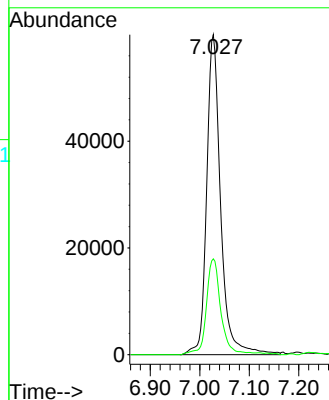
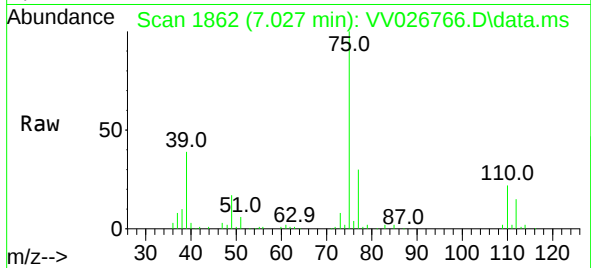
ClientSampleId :

Tgt Ion: 75 Resp: 117247

Ion Ratio Lower Upper

75 100

77 29.9 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 54.949 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

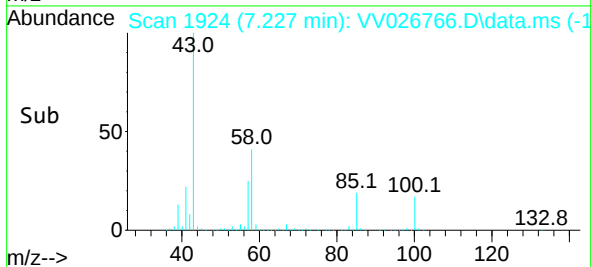
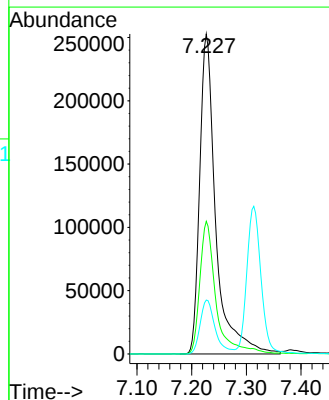
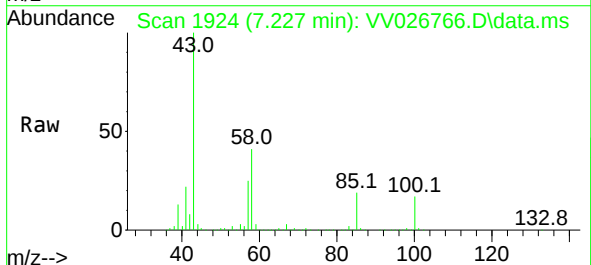
Tgt Ion: 43 Resp: 515094

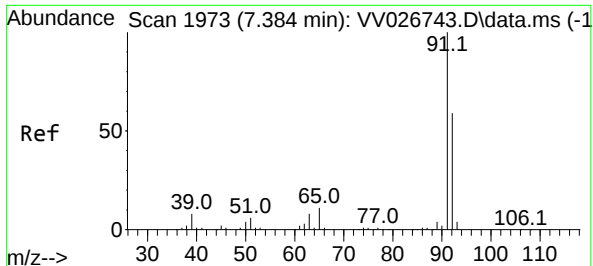
Ion Ratio Lower Upper

43 100

58 41.7 34.6 51.8

100 15.9 13.6 20.4





#42

Toluene

Concen: 5.401 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

Instrument :

MSVOA_V

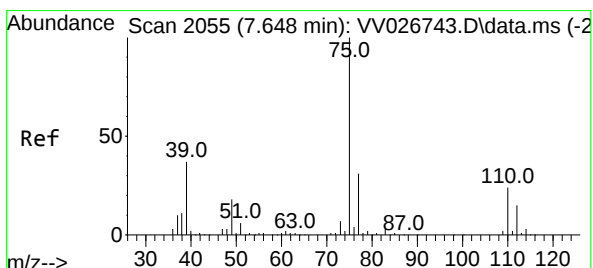
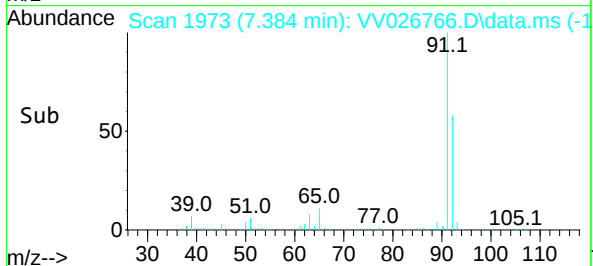
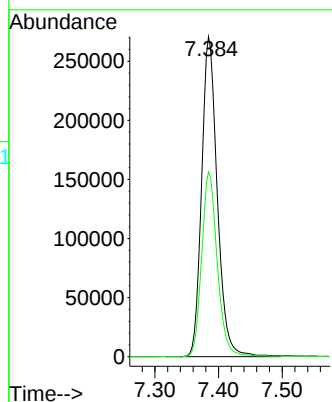
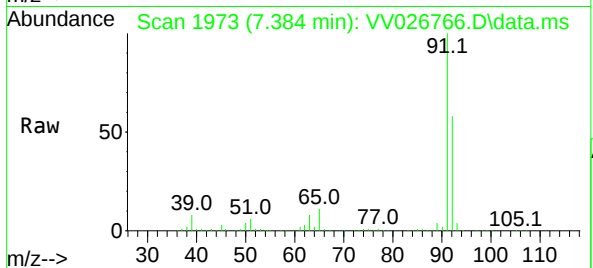
ClientSampleId :

Tgt Ion: 91 Resp: 462985

Ion Ratio Lower Upper

91 100

92 57.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 4.800 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV026766.D

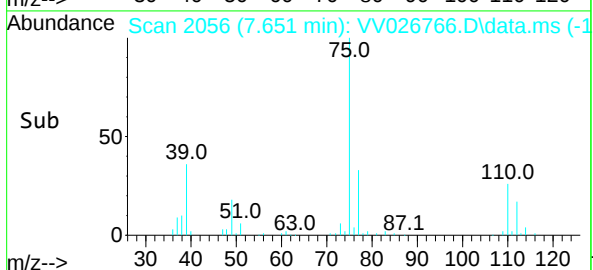
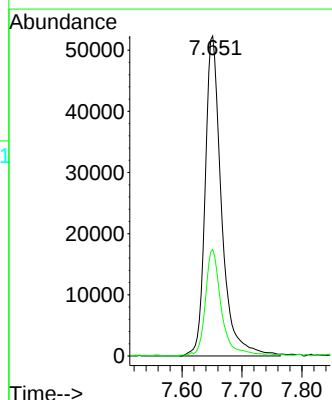
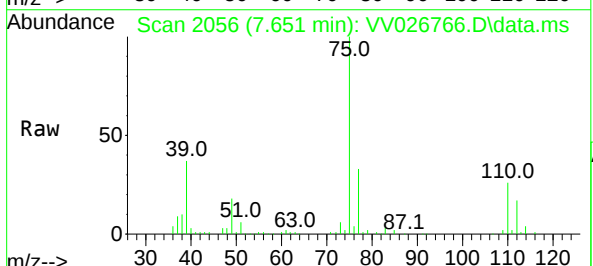
Acq: 13 Jul 2022 20:53

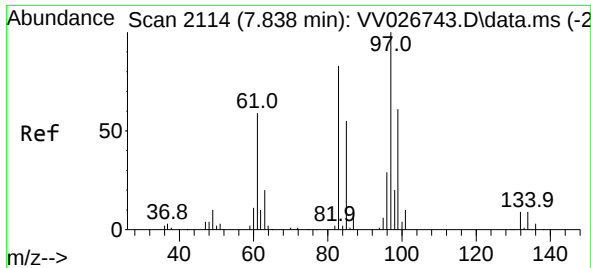
Tgt Ion: 75 Resp: 99404

Ion Ratio Lower Upper

75 100

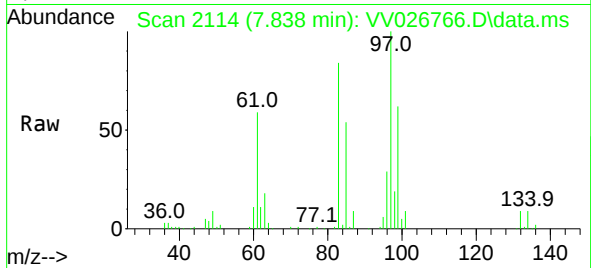
77 33.3 22.7 42.3



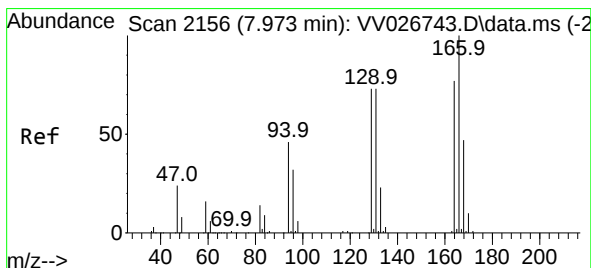
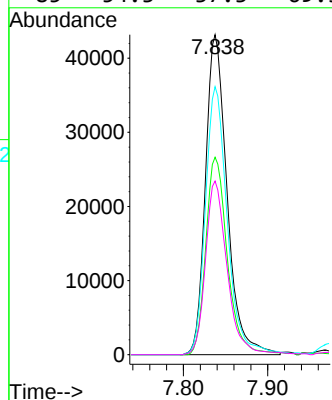
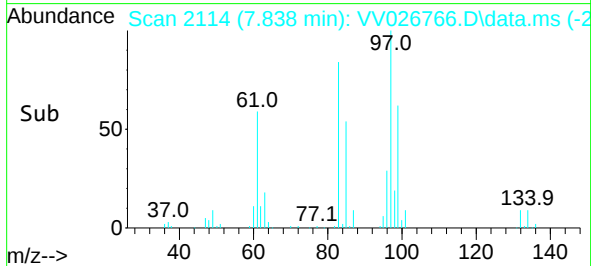


#45
1,1,2-Trichloroethane
Concen: 5.200 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

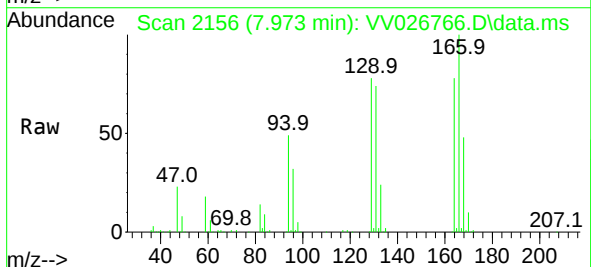
Instrument :
MSVOA_V
ClientSampleId :



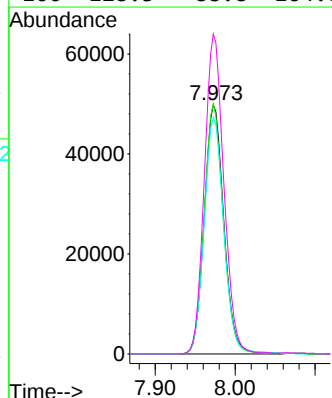
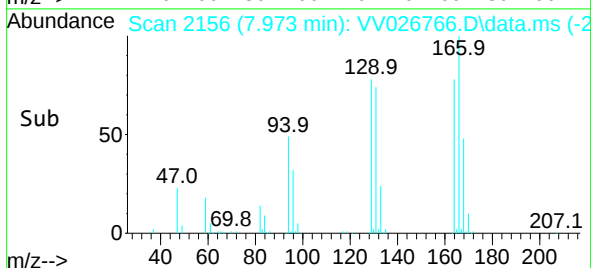
Tgt Ion: 97	Resp: 77147
Ion Ratio	Lower Upper
97 100	
99 61.7	41.9 77.9
83 83.8	58.1 107.9
85 54.3	37.3 69.3

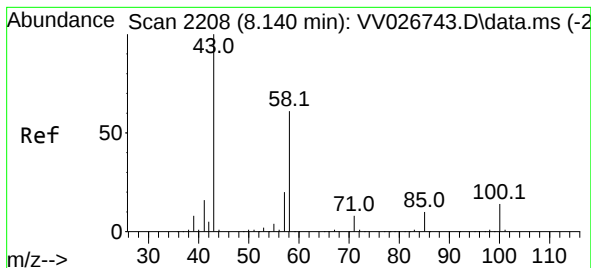


#47
Tetrachloroethene
Concen: 5.193 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53



Tgt	Ion:164	Resp:	84960
Ion	Ratio	Lower	Upper
164	100		
129	100.3	67.8	125.8
131	94.9	65.9	122.5
166	128.3	88.8	164.8





#48

2-Hexanone

Concen: 57.138 ug/L

RT: 8.140 min Scan# 21

Delta R.T. 0.000 min

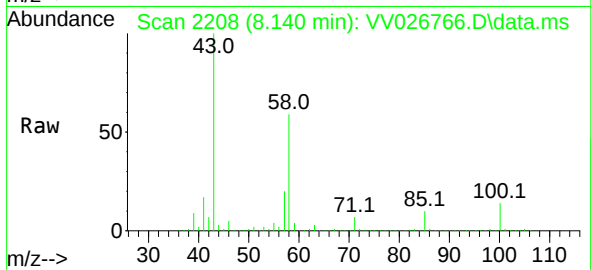
Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 387656

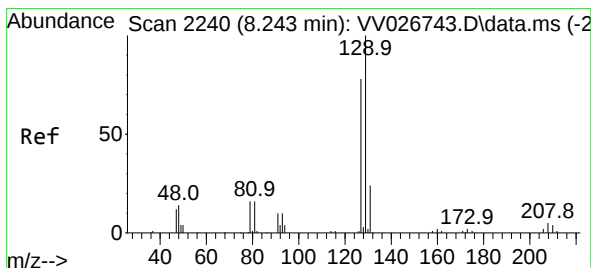
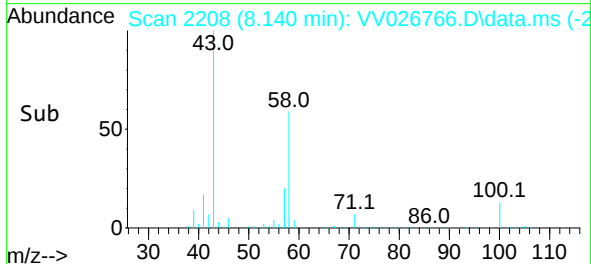
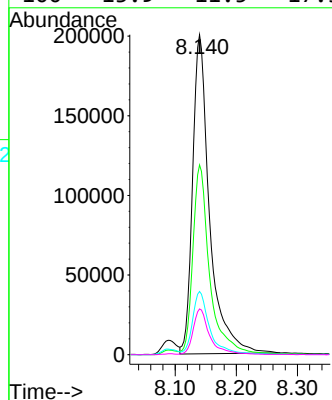
Ion Ratio Lower Upper

43 100

58 58.3 47.9 71.9

57 19.8 16.3 24.5

100 13.9 11.5 17.3



#49

Dibromochloromethane

Concen: 4.771 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VV026766.D

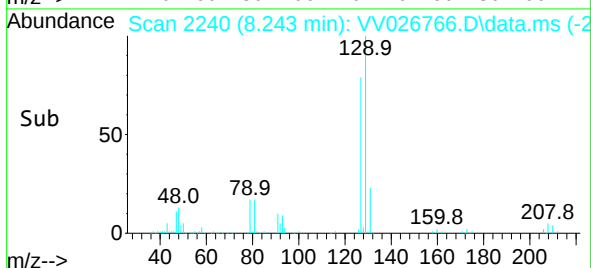
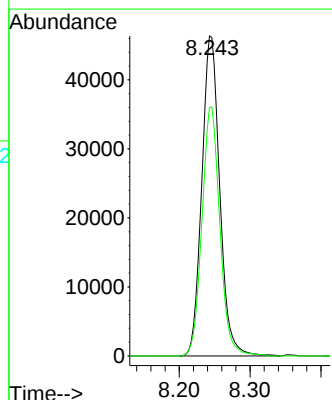
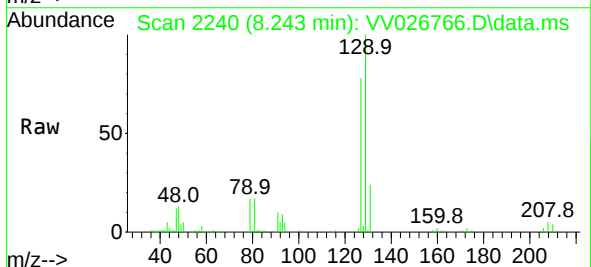
Acq: 13 Jul 2022 20:53

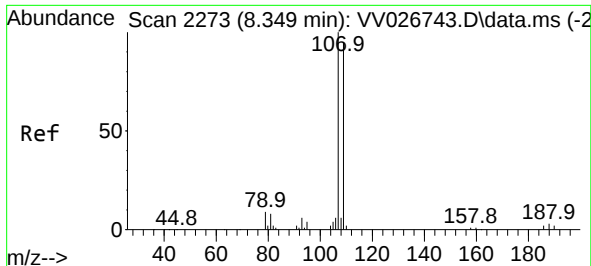
Tgt Ion:129 Resp: 81573

Ion Ratio Lower Upper

129 100

127 77.7 55.7 103.5





#50

1,2-Dibromoethane

Concen: 5.288 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026766.D

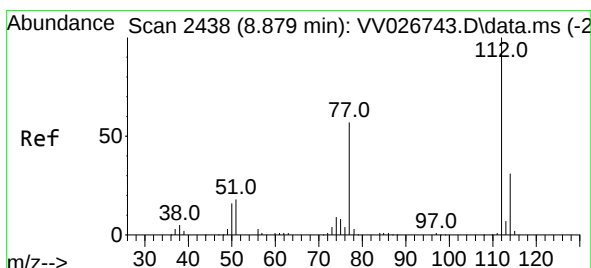
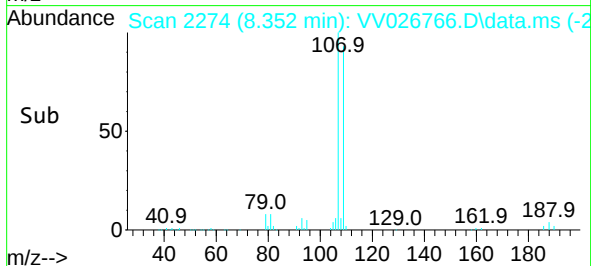
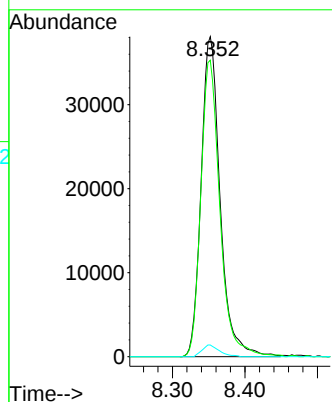
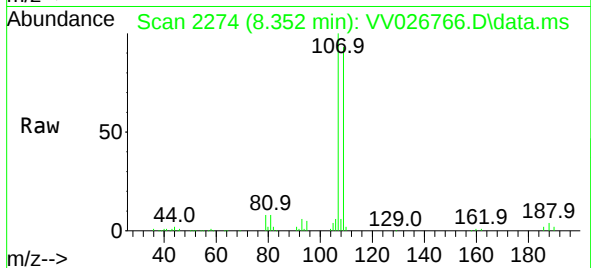
Acq: 13 Jul 2022 20:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	69414
Ion	Ratio	Lower	Upper
107	100		
109	92.7	68.0	126.4
188	3.7	2.8	4.2



#51

Chlorobenzene

Concen: 5.152 ug/L

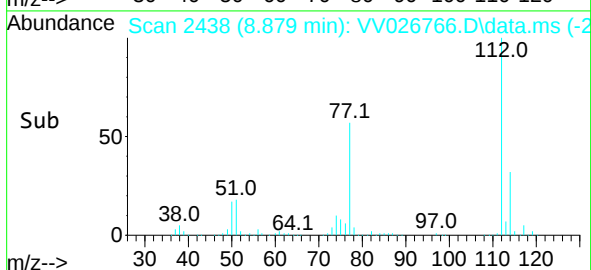
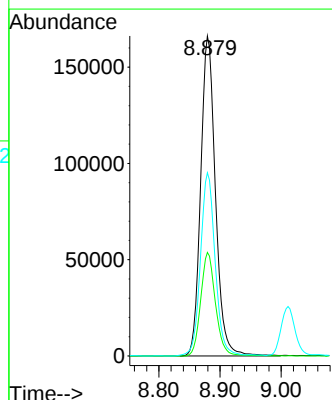
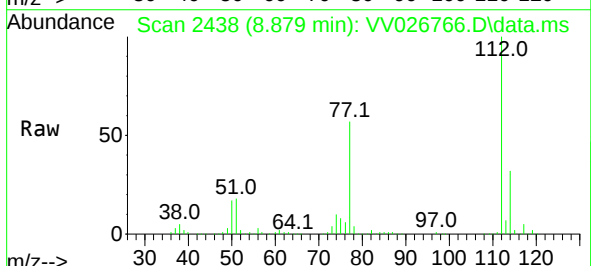
RT: 8.879 min Scan# 2438

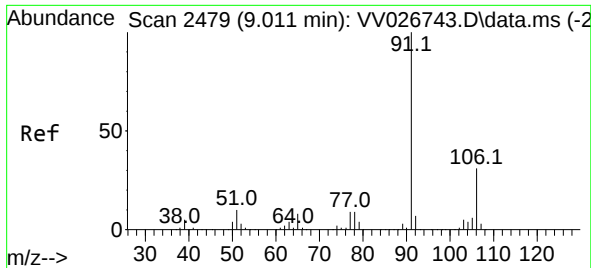
Delta R.T. 0.000 min

Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

Tgt Ion:	112	Resp:	279204
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.7	42.1
77	57.3	46.6	70.0

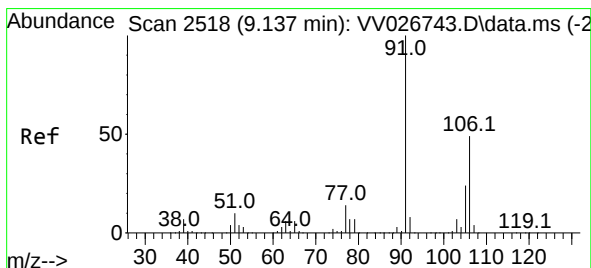
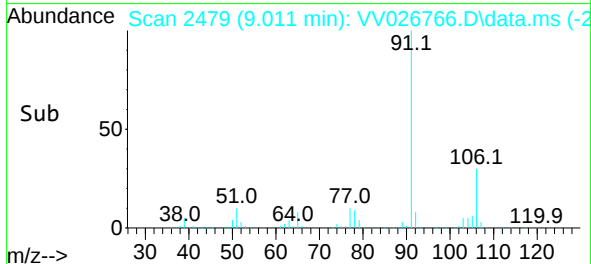
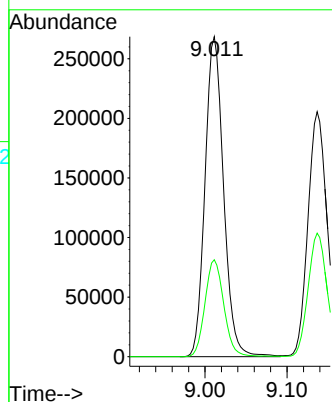
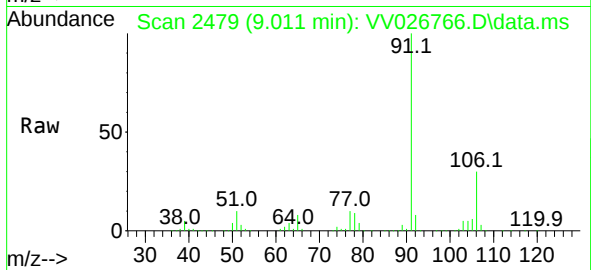




#52
Ethylbenzene
Concen: 4.980 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

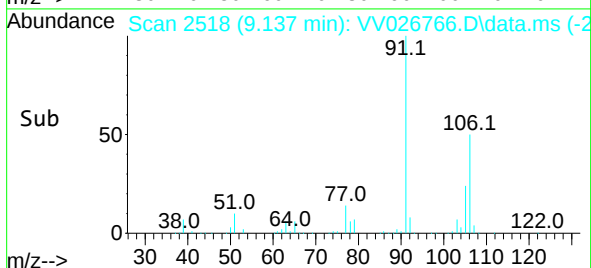
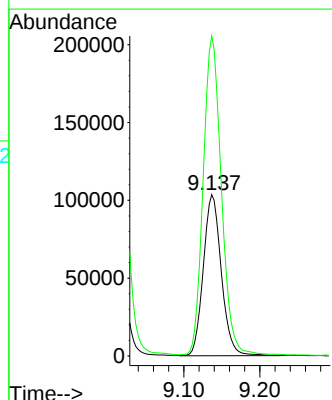
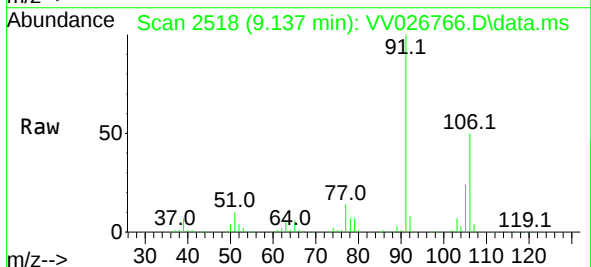
Instrument :
MSVOA_V
ClientSampleId :

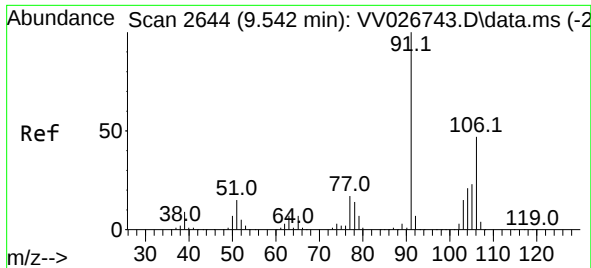
Tgt Ion: 91 Resp: 422440
Ion Ratio Lower Upper
91 100
106 30.3 21.6 40.2



#53
m,p-Xylene
Concen: 5.152 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

Tgt Ion: 106 Resp: 169953
Ion Ratio Lower Upper
106 100
91 198.5 139.3 258.7

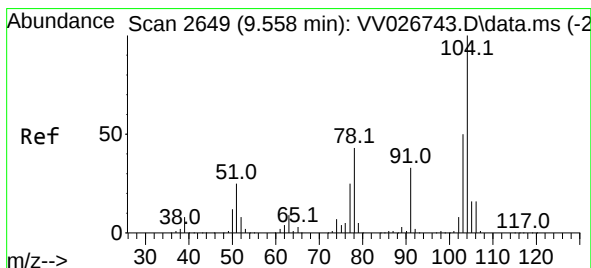
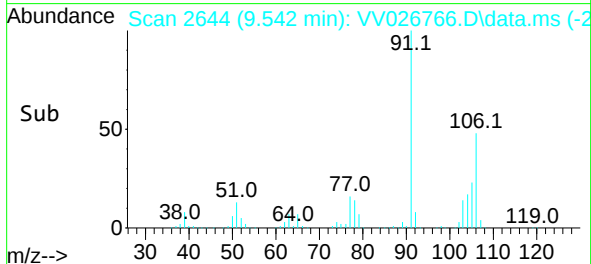
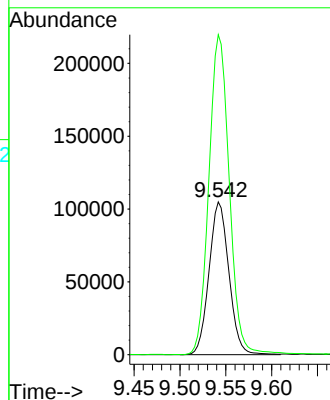
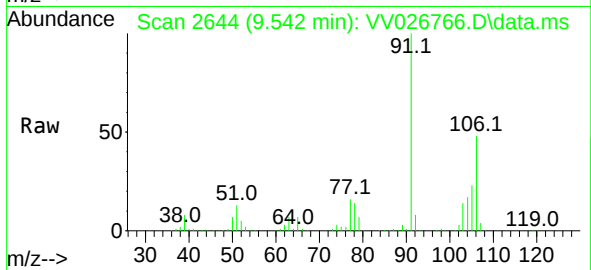




#54
o-Xylene
Concen: 5.036 ug/L
RT: 9.542 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

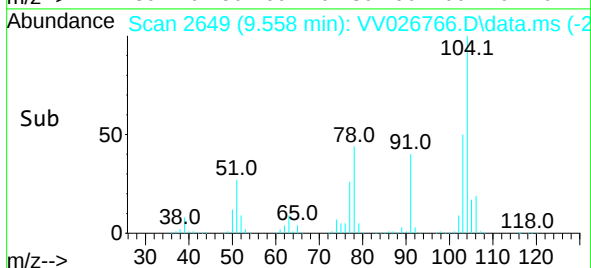
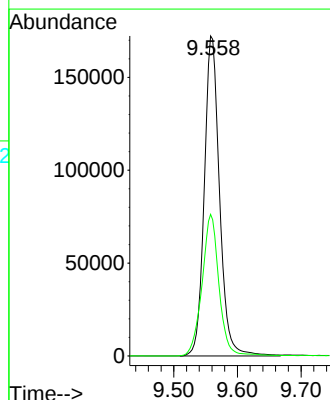
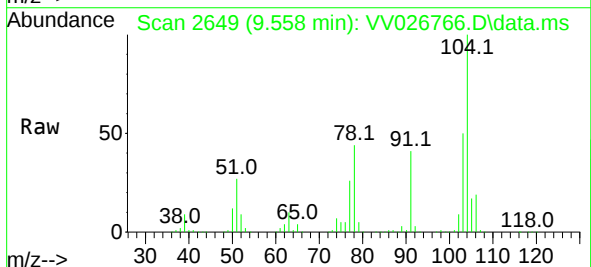
Instrument :
MSVOA_V
ClientSampleId :

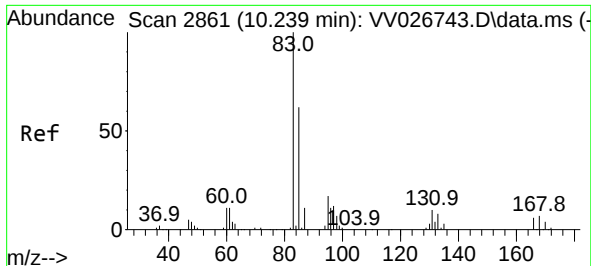
Tgt Ion:106 Resp: 157863
Ion Ratio Lower Upper
106 100
91 209.5 151.1 280.7



#55
Styrene
Concen: 5.236 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

Tgt Ion:104 Resp: 287620
Ion Ratio Lower Upper
104 100
78 44.2 29.5 54.9

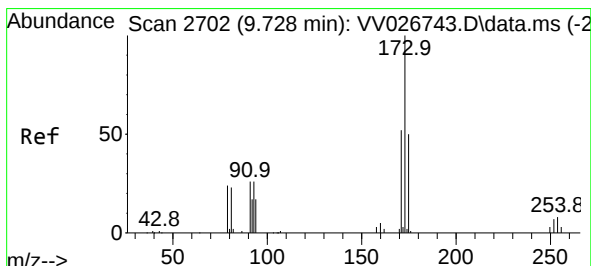
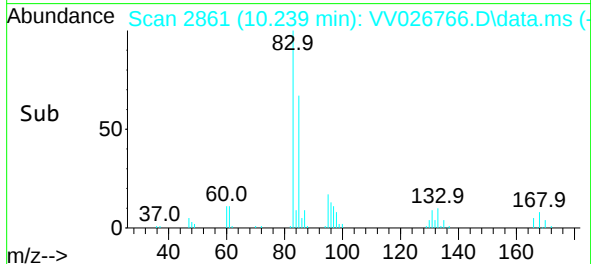
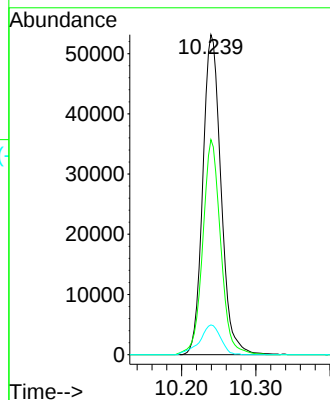
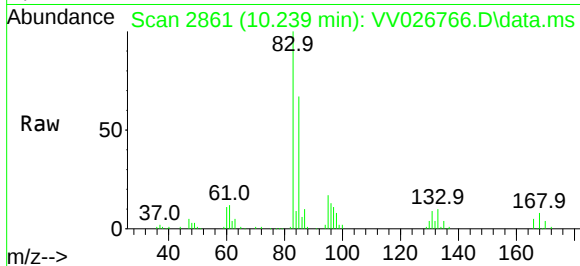




#57
1,1,2,2-Tetrachloroethane
Concen: 5.140 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

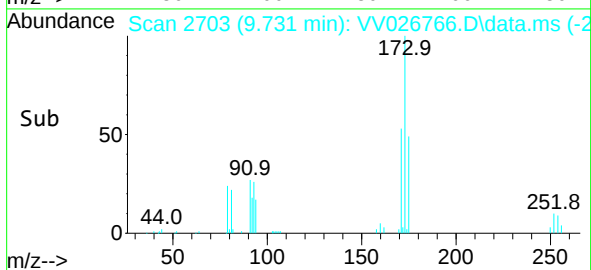
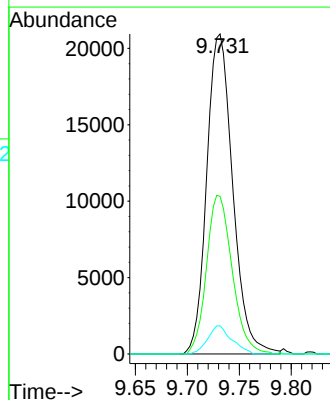
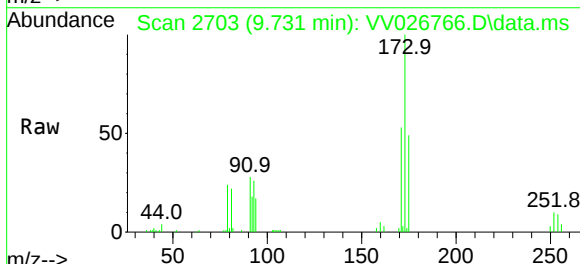
Instrument : MSVOA_V
ClientSampleId :

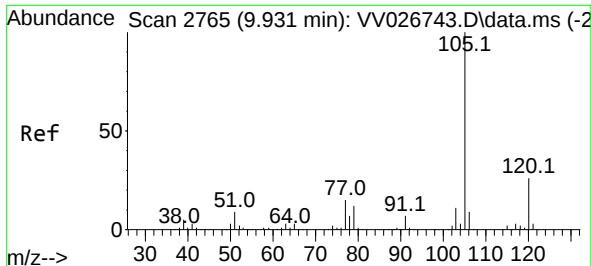
Tgt Ion: 83 Resp: 90270
Ion Ratio Lower Upper
83 100
85 67.2 43.6 81.0
131 9.3 7.4 11.2



#59
Bromoform
Concen: 4.311 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

Tgt Ion: 173 Resp: 36467
Ion Ratio Lower Upper
173 100
175 48.8 40.7 61.1
254 8.1 6.5 9.7

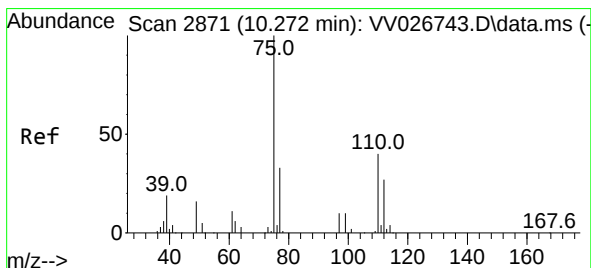
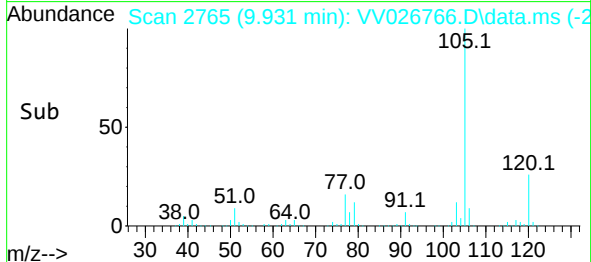
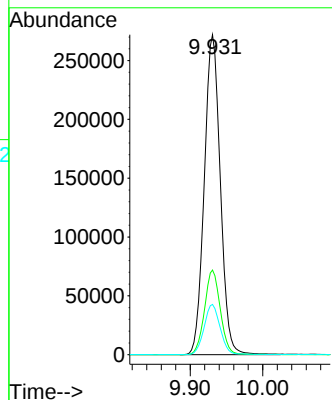
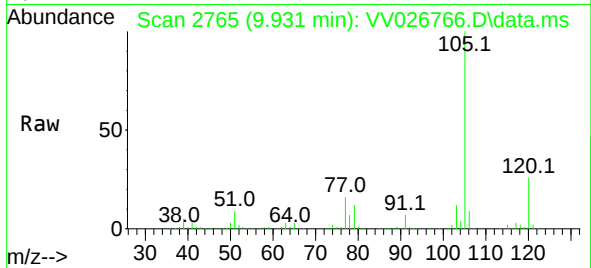




#60
Isopropylbenzene
Concen: 5.082 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

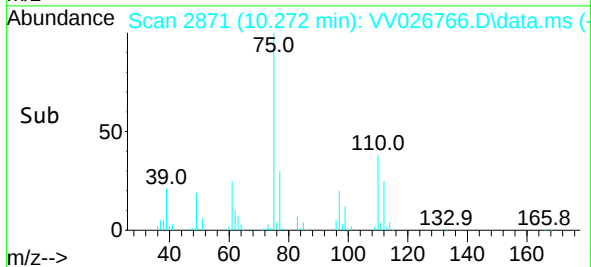
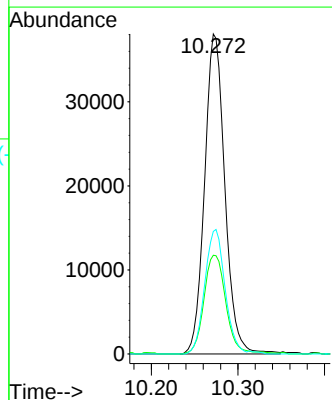
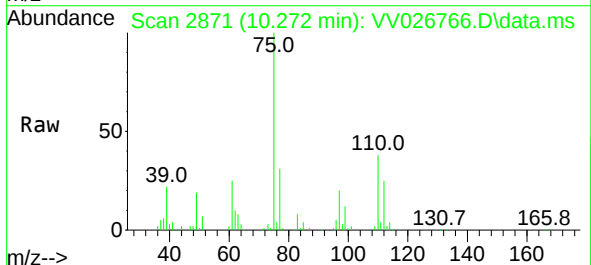
Instrument :
MSVOA_V
ClientSampleId :

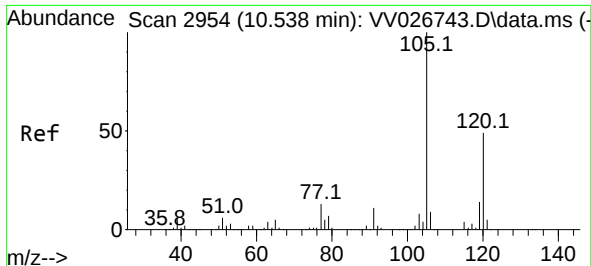
Tgt Ion:105 Resp: 417893
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.8 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.103 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

Tgt Ion: 75 Resp: 62047
Ion Ratio Lower Upper
75 100
77 33.0 25.4 38.0
110 38.8 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 4.780 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

Instrument :

MSVOA_V

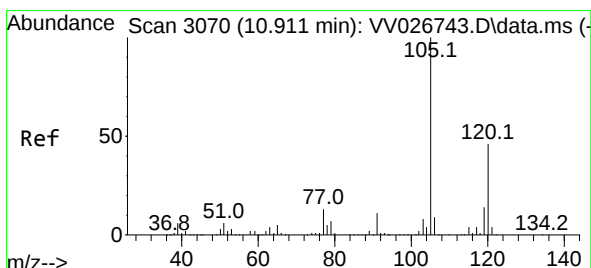
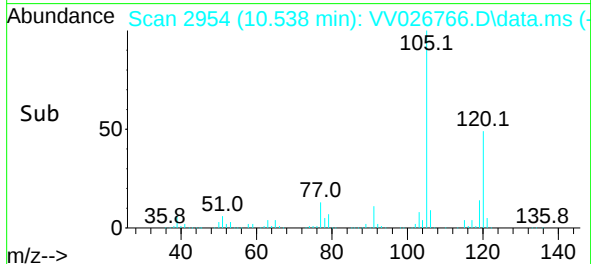
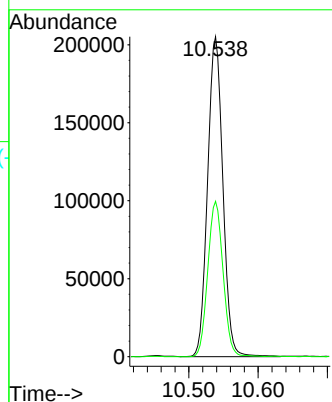
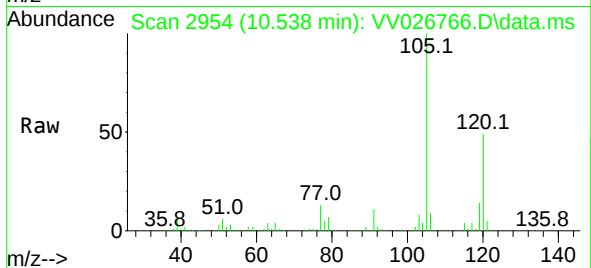
ClientSampleId :

Tgt Ion:105 Resp: 312695

Ion Ratio Lower Upper

105 100

120 48.8 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.842 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026766.D

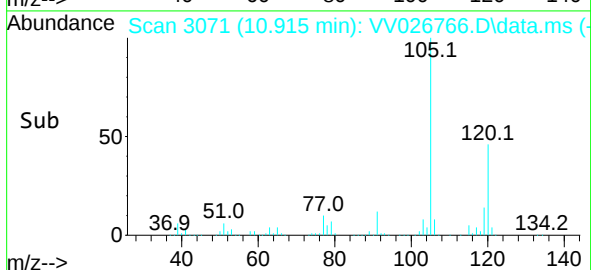
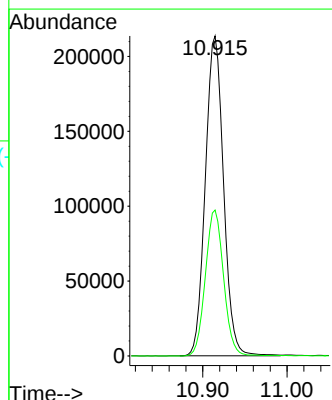
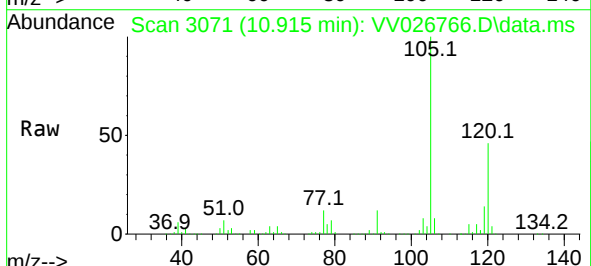
Acq: 13 Jul 2022 20:53

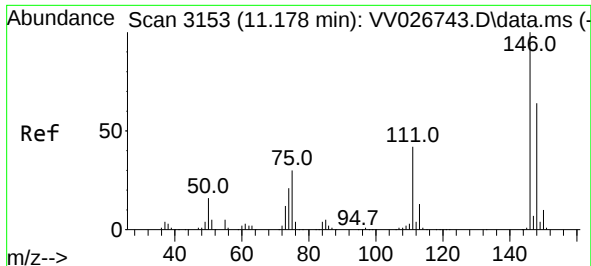
Tgt Ion:105 Resp: 321641

Ion Ratio Lower Upper

105 100

120 45.7 36.8 55.2

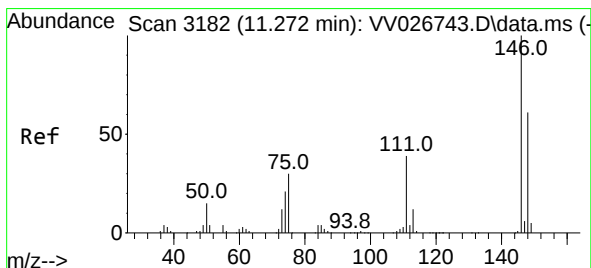
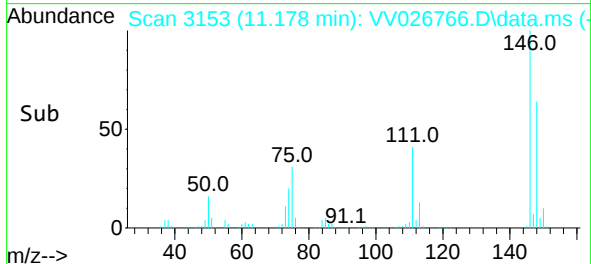
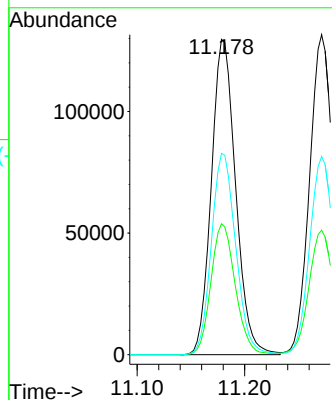
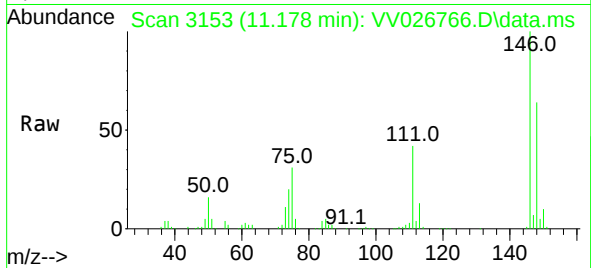




#64
 1,3-Dichlorobenzene
 Concen: 5.057 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV026766.D
 Acq: 13 Jul 2022 20:53

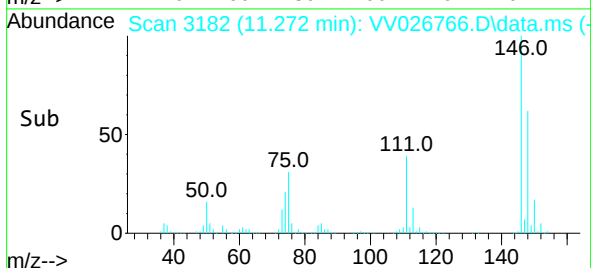
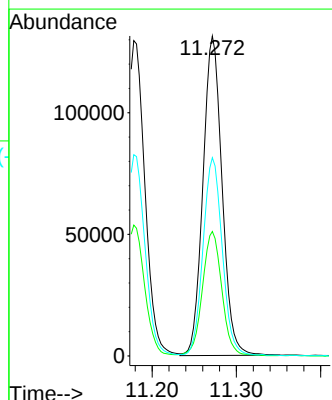
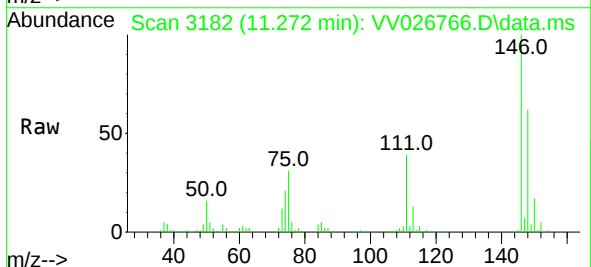
Instrument :
 MSVOA_V
 ClientSampleId :

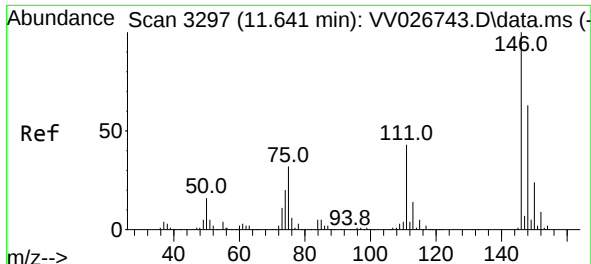
Tgt Ion:146 Resp: 203719
 Ion Ratio Lower Upper
 146 100
 111 41.5 27.9 51.7
 148 63.8 44.9 83.5



#65
 1,4-Dichlorobenzene
 Concen: 5.073 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV026766.D
 Acq: 13 Jul 2022 20:53

Tgt Ion:146 Resp: 207802
 Ion Ratio Lower Upper
 146 100
 111 38.9 26.8 49.8
 148 62.0 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 5.022 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

Instrument :

MSVOA_V

ClientSampleId :

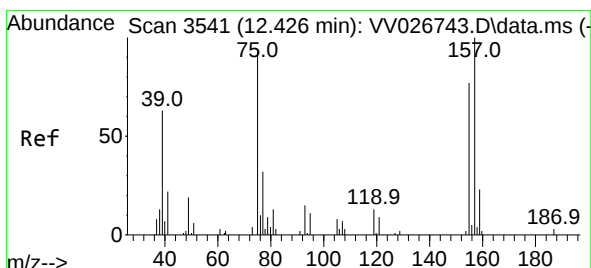
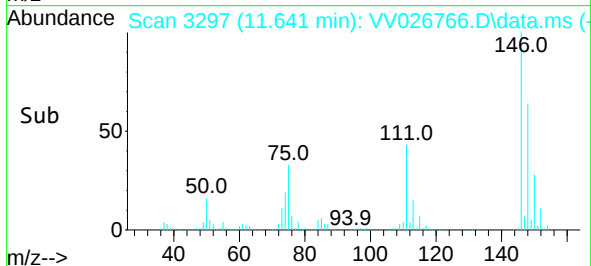
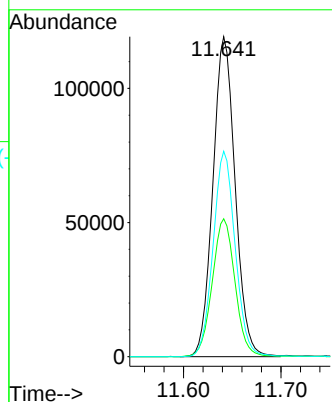
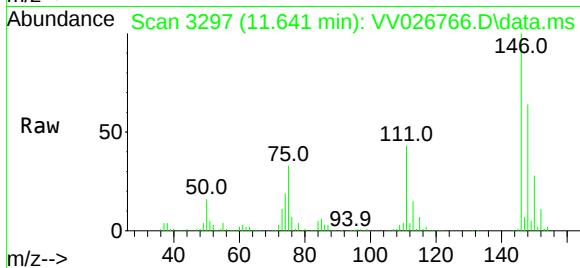
Tgt Ion:146 Resp: 188946

Ion Ratio Lower Upper

146 100

111 43.1 34.6 52.0

148 64.2 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.733 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

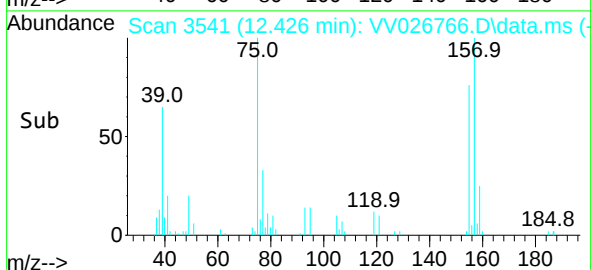
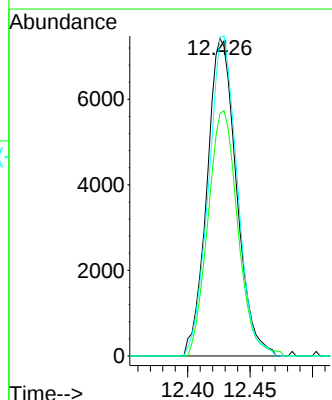
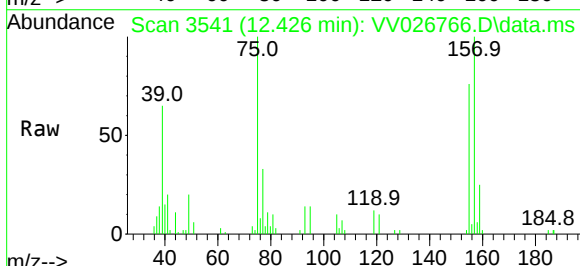
Tgt Ion: 75 Resp: 12198

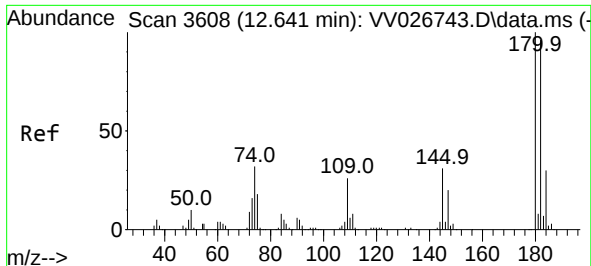
Ion Ratio Lower Upper

75 100

155 76.4 60.3 90.5

157 100.5 78.2 117.4





#69

1,3,5-Trichlorobenzene

Concen: 4.713 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.003 min

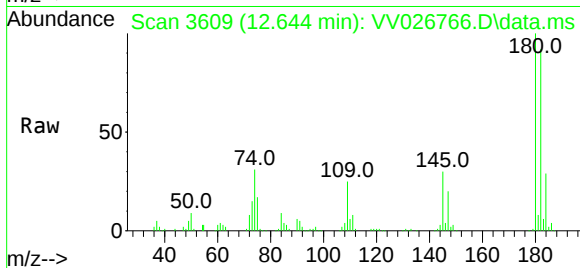
Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 134205

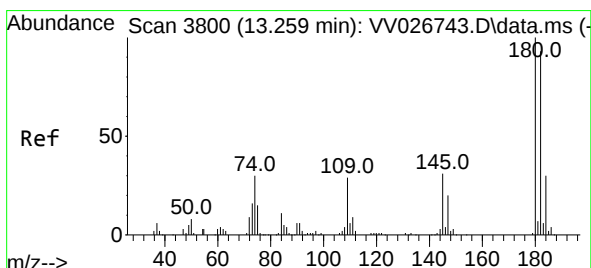
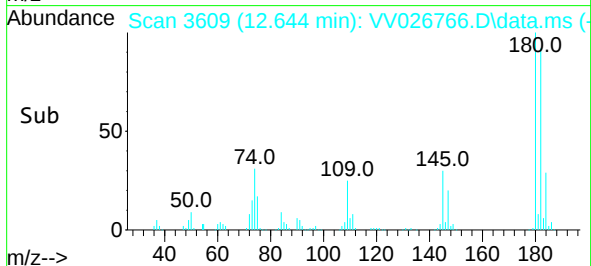
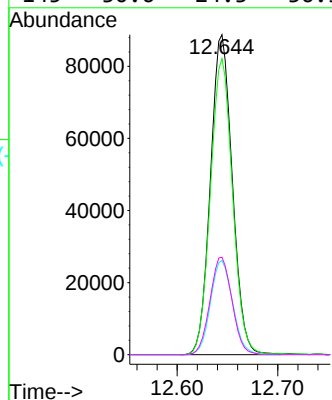
Ion Ratio Lower Upper

180 100

182 93.3 74.0 111.0

184 29.7 23.1 34.7

145 30.6 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 4.631 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026766.D

Acq: 13 Jul 2022 20:53

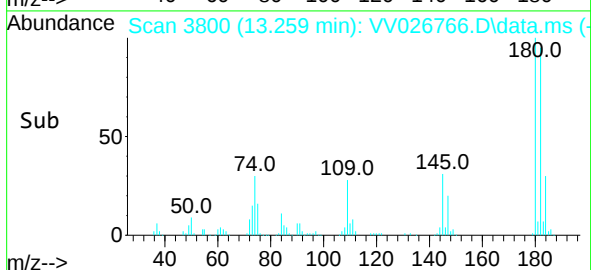
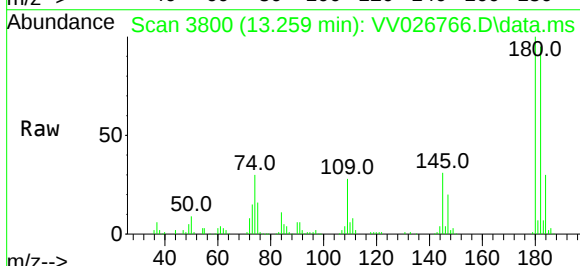
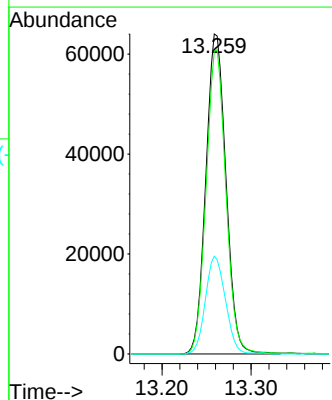
Tgt Ion:180 Resp: 100280

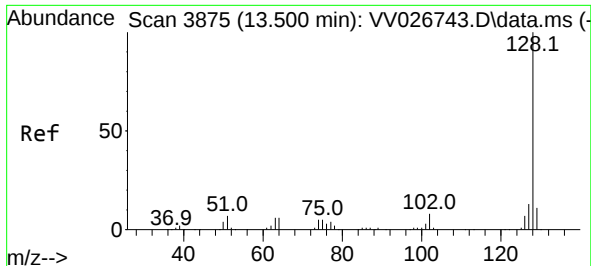
Ion Ratio Lower Upper

180 100

182 93.2 74.7 112.1

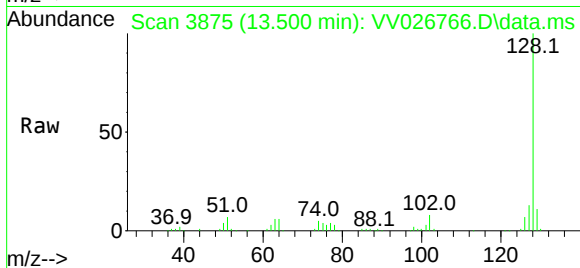
145 30.3 24.7 37.1



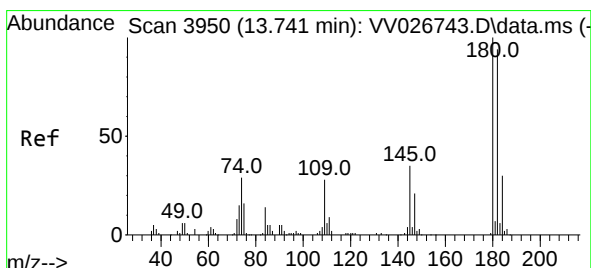
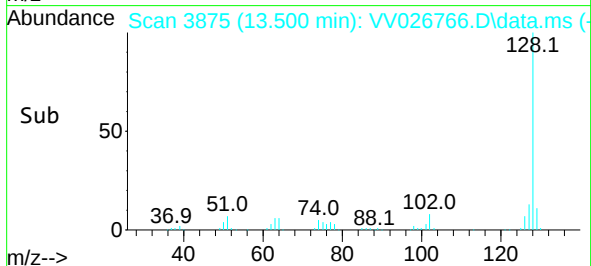
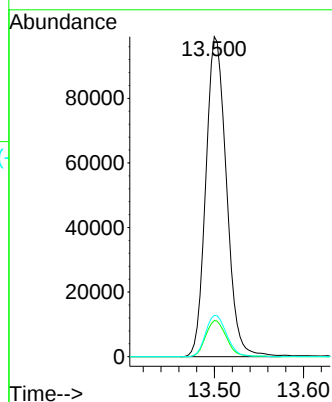


#71
Naphthalene
Concen: 4.436 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 159153
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.2 10.7 16.1



#72
1,2,3-Trichlorobenzene
Concen: 4.649 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026766.D
Acq: 13 Jul 2022 20:53

Tgt Ion:180 Resp: 93689
Ion Ratio Lower Upper
180 100
182 94.2 75.0 112.4
145 34.4 26.0 39.0

