

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023666.D
 Acq On : 23 Nov 2021 12:45
 Operator : SY/MD
 Sample : VSTD01056
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 03:43:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 03:41:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	145104	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	146030	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	83744	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	120439	13.088	ug/L	0.00
7) Chloroethane-d5	1.568	69	92563	12.493	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	212183	12.247	ug/L	0.00
20) 2-Butanone-d5	3.902	46	142870	94.918	ug/L	0.00
24) Chloroform-d	4.349	84	213177	11.312	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	98784	11.577	ug/L	0.00
32) Benzene-d6	5.050	84	420563	11.478	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	115124	10.767	ug/L	0.00
41) Toluene-d8	7.317	98	407245	11.794	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	49329	11.993	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	178446	121.062	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	83340	10.850	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	152328	11.197	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.131	85	138452	9.802	ug/L	100
3) Chloromethane	1.240	50	117461	9.738	ug/L	97
5) Vinyl chloride	1.311	62	125746	10.330	ug/L	99
6) Bromomethane	1.523	94	71902	9.535	ug/L	98
8) Chloroethane	1.584	64	74018	10.418	ug/L	98
9) Trichlorofluoromethane	1.754	101	202365	10.857	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	104235	11.136	ug/L	98
12) 1,1-Dichloroethene	2.118	96	98399	10.980	ug/L #	80
13) Acetone	2.198	43	99687	96.874	ug/L	77
14) Carbon disulfide	2.294	76	332617	10.119	ug/L	99
15) Methyl Acetate	2.442	43	29881	10.727	ug/L	95
16) Methylene chloride	2.507	84	108594	8.495	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	208760	10.766	ug/L	100
18) trans-1,2-Dichloroethene	2.761	96	109884	10.197	ug/L	96
19) 1,1-Dichloroethane	3.188	63	186557	10.258	ug/L	99
21) 2-Butanone	3.986	43	143856	92.150	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	113588	10.907	ug/L	99
23) Bromochloromethane	4.249	128	52644	10.975	ug/L	94
25) Chloroform	4.375	83	205138	10.445	ug/L	100
27) 1,2-Dichloroethane	5.130	62	113020	10.781	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	191578	10.512	ug/L	100
30) Cyclohexane	4.677	56	171642	10.639	ug/L	98
31) Carbon tetrachloride	4.828	117	176245	10.705	ug/L	99
33) Benzene	5.098	78	437178	10.567	ug/L	100
34) Trichloroethene	5.912	95	112718	10.177	ug/L	97
35) Methylcyclohexane	6.133	83	190479	10.902	ug/L	98
37) 1,2-Dichloropropane	6.172	63	99976	10.381	ug/L	98
38) Bromodichloromethane	6.510	83	137880	10.503	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	152248	10.900	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	523723	114.770	ug/L	98
42) Toluene	7.387	91	496426	11.130	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	131171	11.358	ug/L	99

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

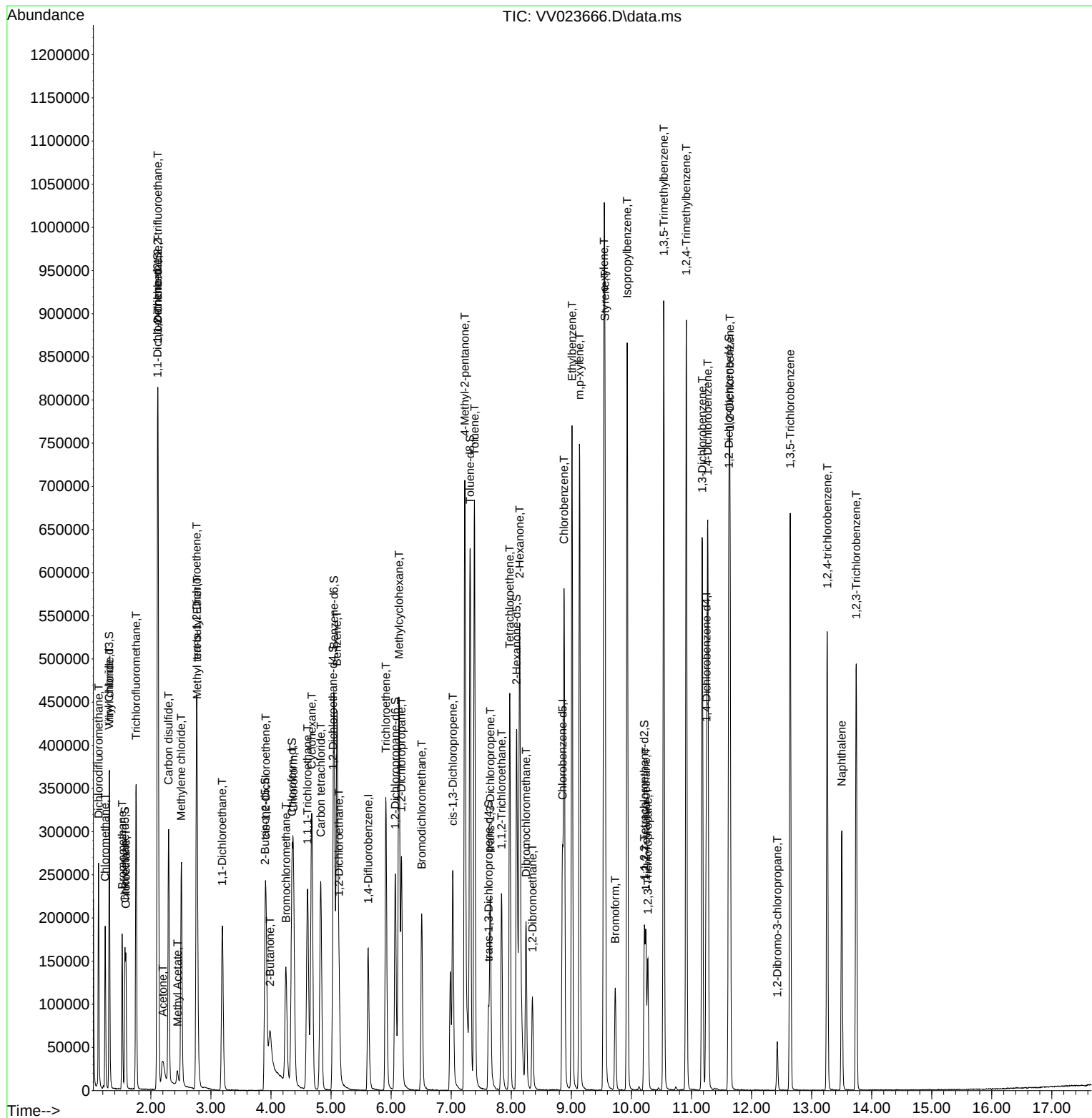
45) 1,1,2-Trichloroethane	7.838	97	73652	10.473	ug/L	99
47) Tetrachloroethene	7.976	164	106800	11.036	ug/L	99
48) 2-Hexanone	8.140	43	391564	123.362	ug/L	99
49) Dibromochloromethane	8.246	129	98026	10.937	ug/L	100
50) 1,2-Dibromoethane	8.352	107	70248	10.845	ug/L	95
51) Chlorobenzene	8.879	112	310494	10.487	ug/L	98
52) Ethylbenzene	9.011	91	520143	11.042	ug/L	100
53) m,p-xylene	9.137	106	209655	11.254	ug/L	98
54) o-xylene	9.545	106	199509	11.484	ug/L	99
55) Styrene	9.561	104	346445	11.603	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	80626	10.551	ug/L	98
59) Bromoform	9.731	173	55328	10.737	ug/L	97
60) Isopropylbenzene	9.931	105	540056	10.993	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	59085	10.470	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	463143	11.362	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	464347	11.440	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	263211	10.531	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	260683	10.237	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	243631	10.839	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	12713	10.618	ug/L	93
69) 1,3,5-Trichlorobenzene	12.645	180	209224	10.637	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	164442	10.509	ug/L	98
71) Naphthalene	13.503	128	235532	10.393	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	148634	10.873	ug/L	99

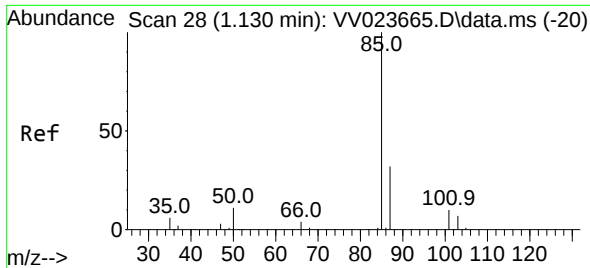
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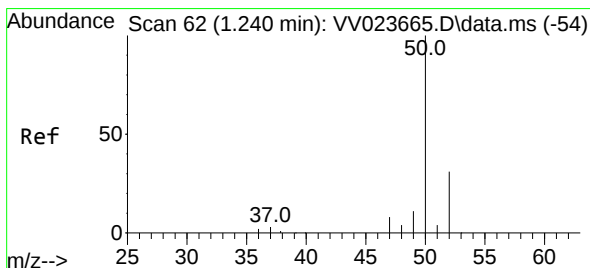
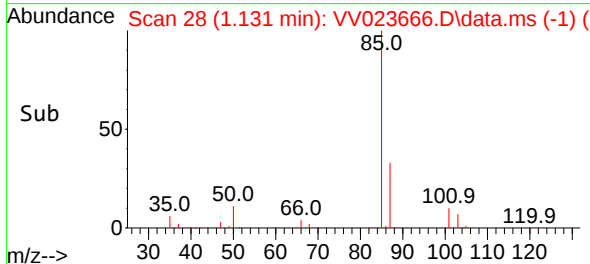
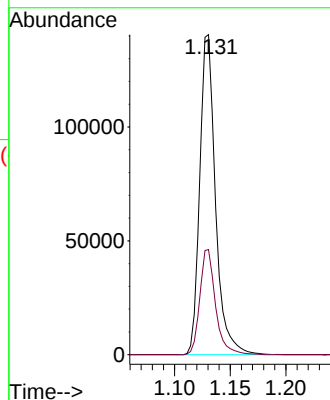
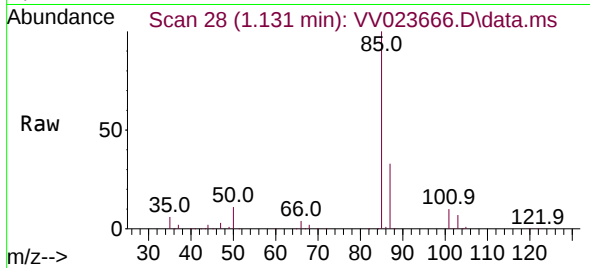




#2
 Dichlorodifluoromethane
 Concen: 9.802 ug/L
 RT: 1.131 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV023666.D
 Acq: 23 Nov 2021 12:45

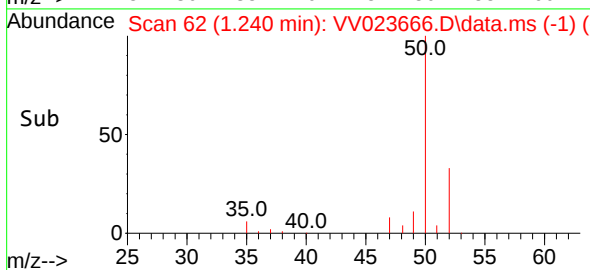
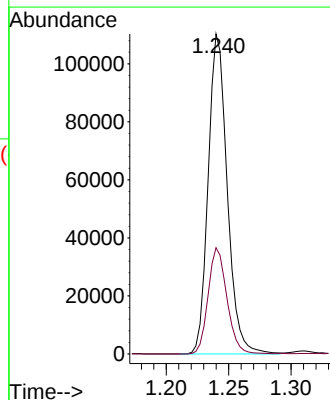
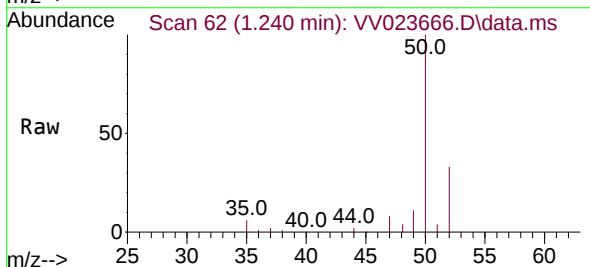
Instrument :
 MSVOA_V
 ClientSampleId :

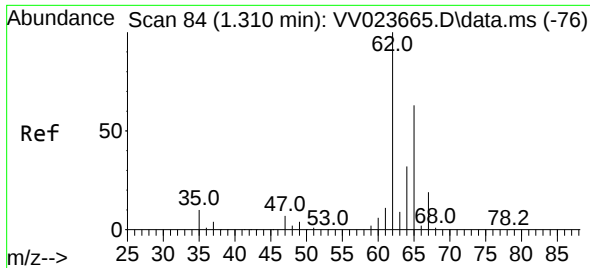
Tgt Ion: 85 Resp: 138452
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.0 39.0



#3
 Chloromethane
 Concen: 9.738 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023666.D
 Acq: 23 Nov 2021 12:45

Tgt Ion: 50 Resp: 117461
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.0 41.0

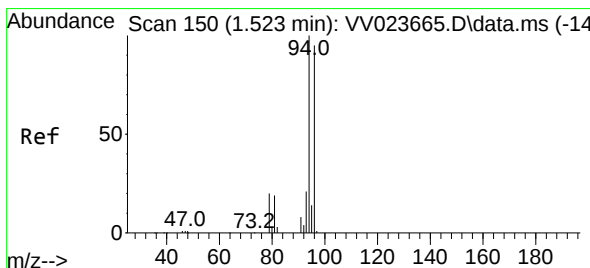
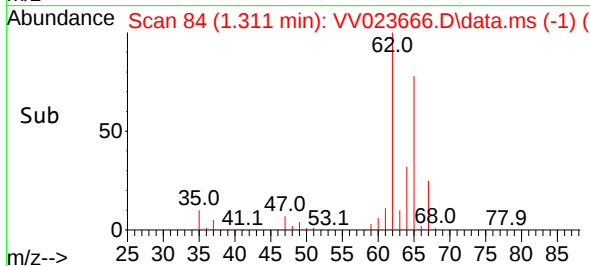
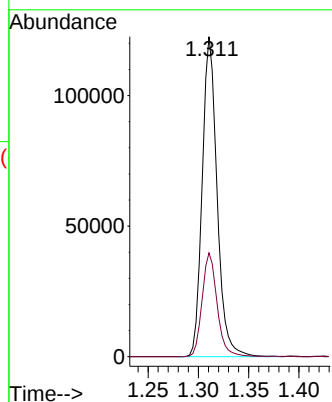
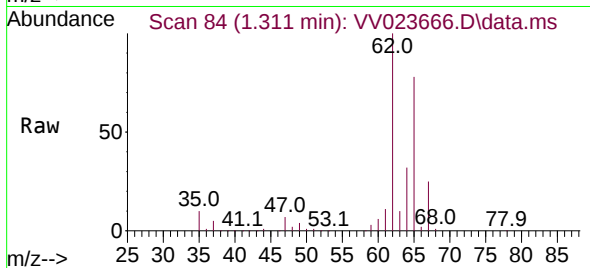




#5
 Vinyl chloride
 Concen: 10.330 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023666.D
 Acq: 23 Nov 2021 12:45

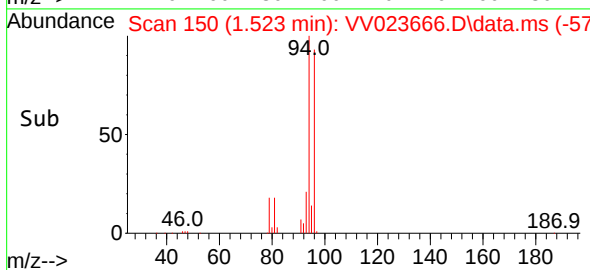
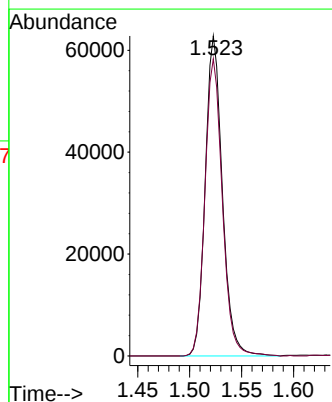
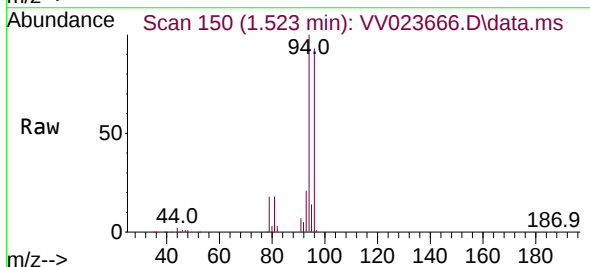
Instrument :
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 ClientSampleId :

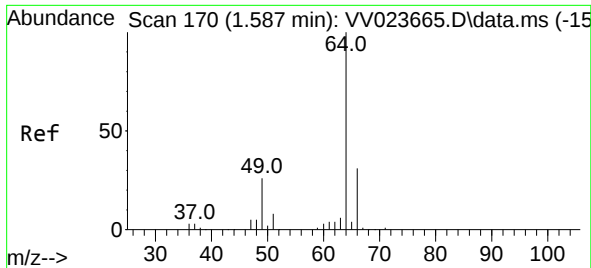
Tgt Ion: 62 Resp: 125746
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.4 41.6



#6
 Bromomethane
 Concen: 9.535 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023666.D
 Acq: 23 Nov 2021 12:45

Tgt Ion: 94 Resp: 71902
 Ion Ratio Lower Upper
 94 100
 96 92.8 66.2 123.0





#8

Chloroethane

Concen: 10.418 ug/L

RT: 1.584 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV023666.D

Acq: 23 Nov 2021 12:45

Instrument :

MSVOA_V

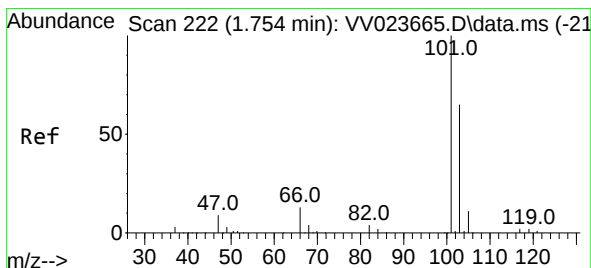
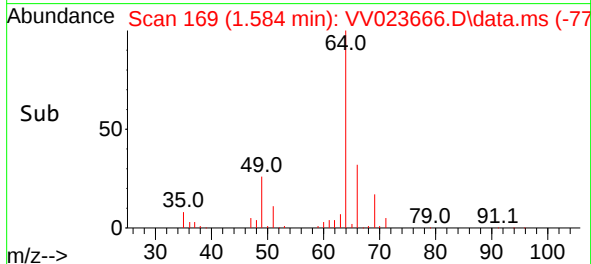
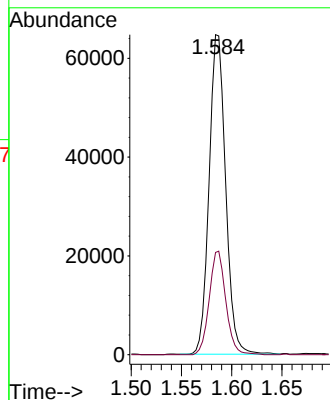
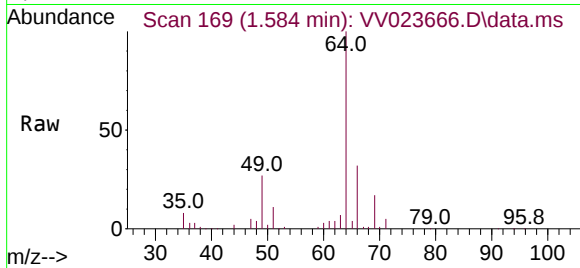
ClientSampleId :

Tgt Ion: 64 Resp: 74018

Ion Ratio Lower Upper

64 100

66 31.9 21.4 39.8



#9

Trichlorofluoromethane

Concen: 10.857 ug/L

RT: 1.754 min Scan# 222

Delta R.T. 0.000 min

Lab File: VV023666.D

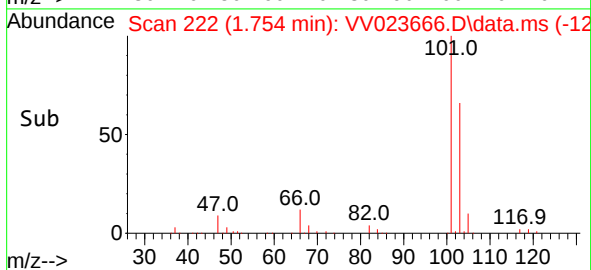
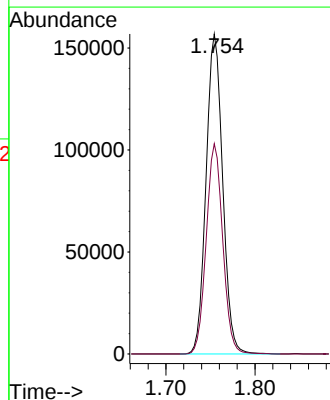
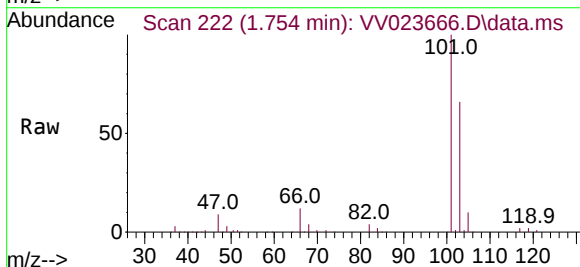
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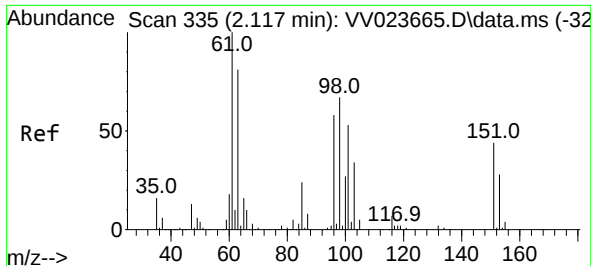
Tgt Ion:101 Resp: 202365

Ion Ratio Lower Upper

101 100

103 65.5 51.6 77.4

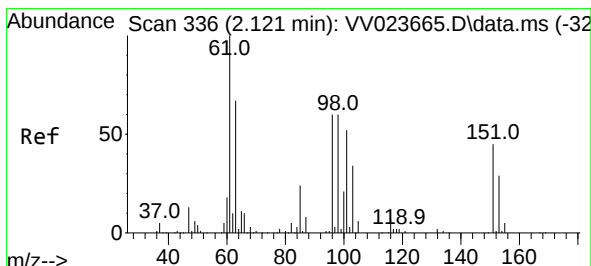
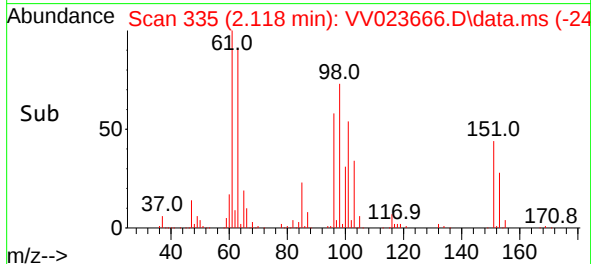
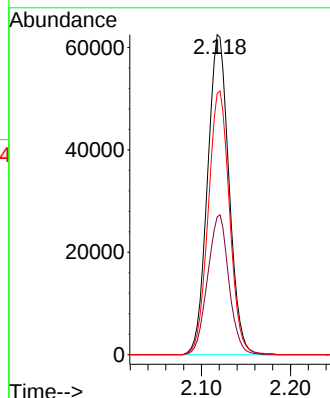
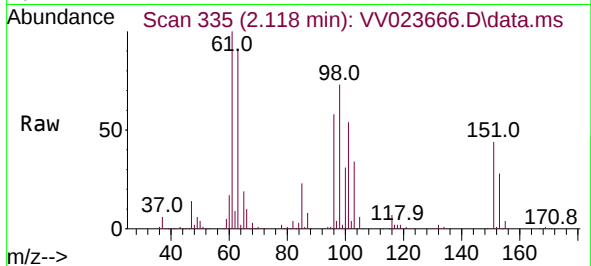




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.136 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV023666.D
 Acq: 23 Nov 2021 12:45

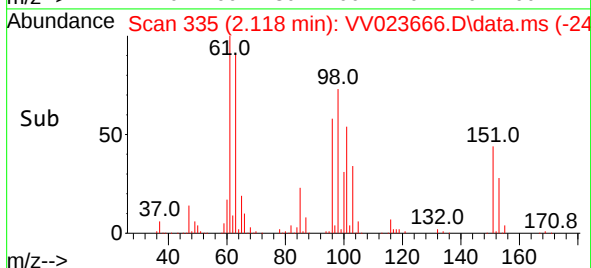
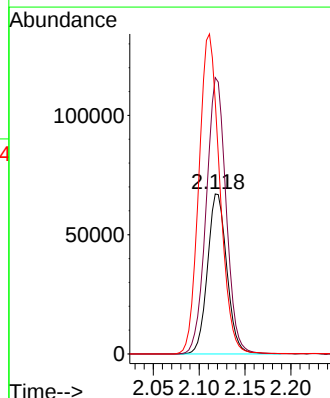
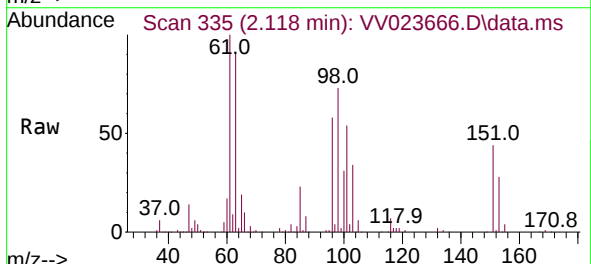
Instrument :
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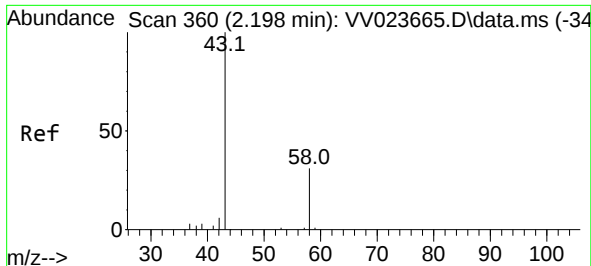
Tgt Ion:101 Resp: 104235
 Ion Ratio Lower Upper
 101 100
 85 43.4 36.0 54.0
 151 81.8 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 10.980 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV023666.D
 Acq: 23 Nov 2021 12:45

Tgt Ion: 96 Resp: 98399
 Ion Ratio Lower Upper
 96 100
 61 172.8 116.1 215.5
 63 157.9 79.4 147.4#





#13

Acetone

Concen: 96.874 ug/L

RT: 2.198 min Scan# 30

Delta R.T. 0.000 min

Lab File: VV023666.D

Acq: 23 Nov 2021 12:45

Instrument :

MSVOA_V

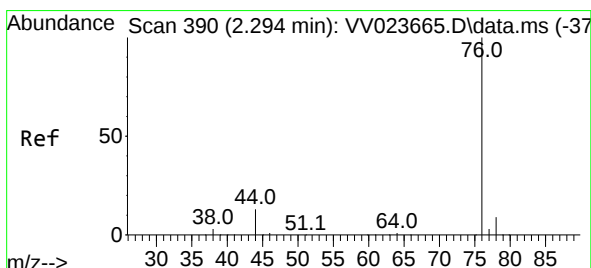
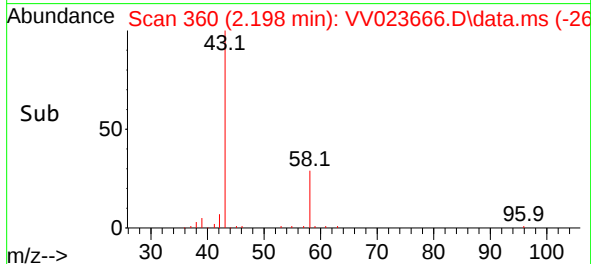
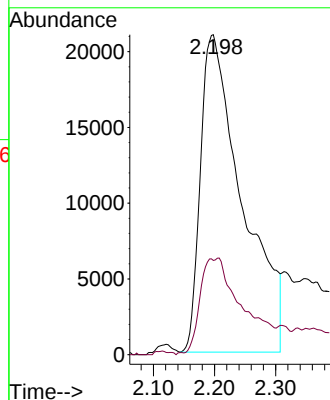
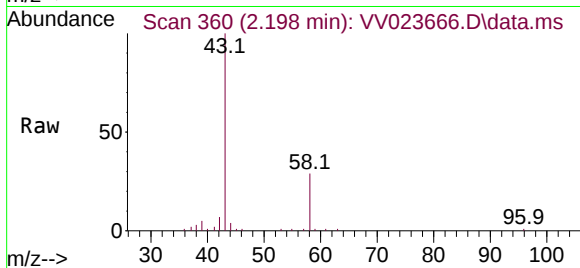
ClientSampleId :

Tgt Ion: 43 Resp: 99687

Ion Ratio Lower Upper

43 100

58 10.2 0.0 41.4



#14

Carbon disulfide

Concen: 10.119 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023666.D

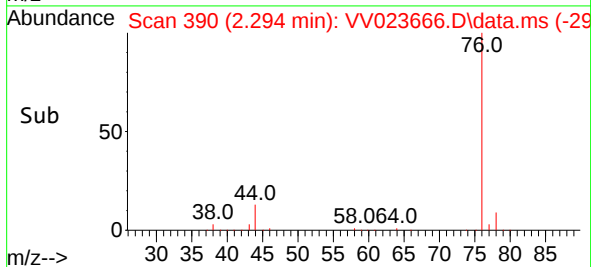
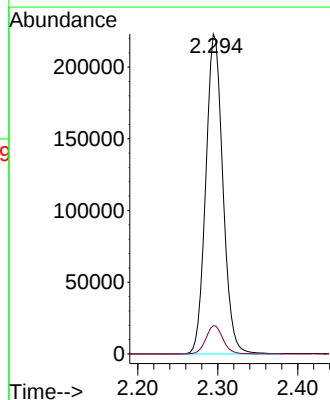
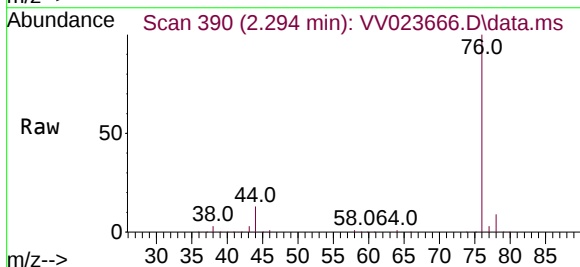
Acq: 23 Nov 2021 12:45

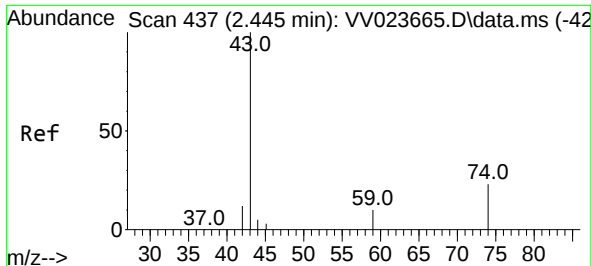
Tgt Ion: 76 Resp: 332617

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

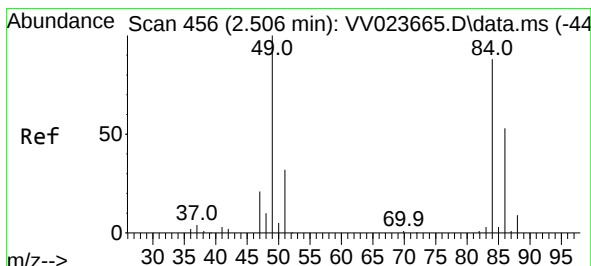
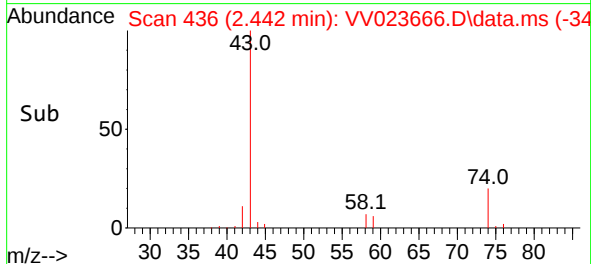
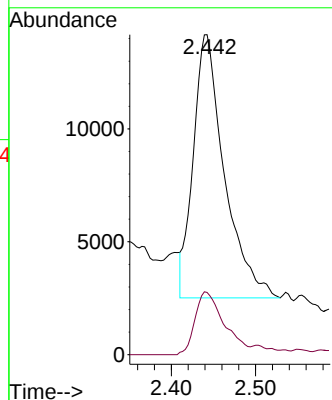
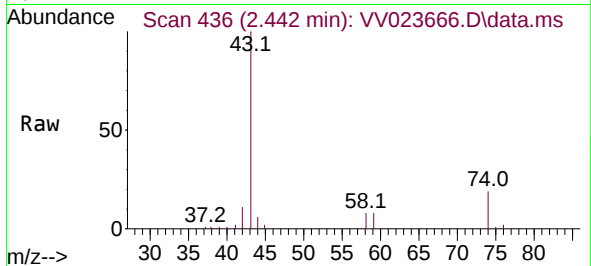




#15
Methyl Acetate
Concen: 10.727 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

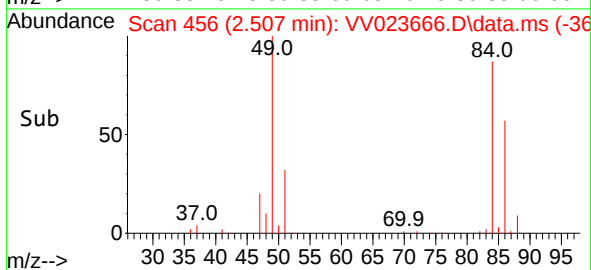
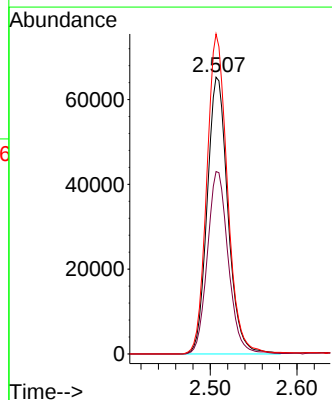
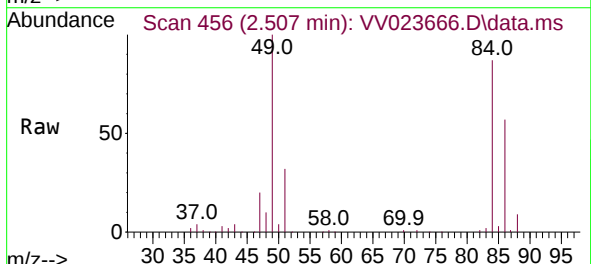
Instrument :
MSVOA_V
ClientSampleId :

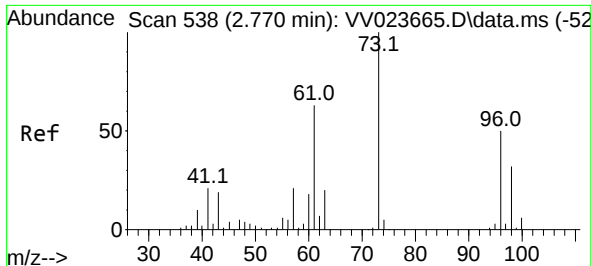
Tgt Ion: 43 Resp: 29881
Ion Ratio Lower Upper
43 100
74 22.6 20.2 30.2



#16
Methylene chloride
Concen: 8.495 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

Tgt Ion: 84 Resp: 108594
Ion Ratio Lower Upper
84 100
86 65.9 42.6 79.0
49 115.6 79.7 147.9





#17

Methyl tert-butyl Ether

Concen: 10.766 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV023666.D

Acq: 23 Nov 2021 12:45

Instrument :

MSVOA_V

ClientSampleId :

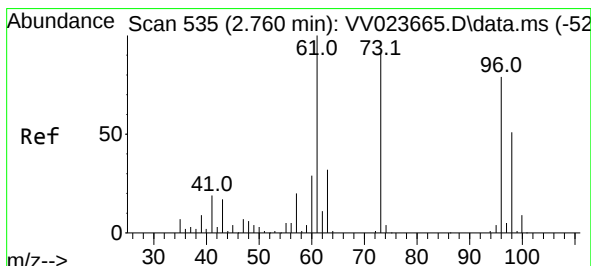
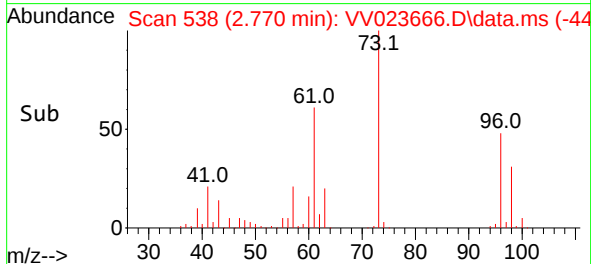
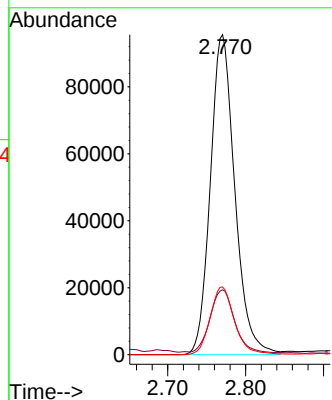
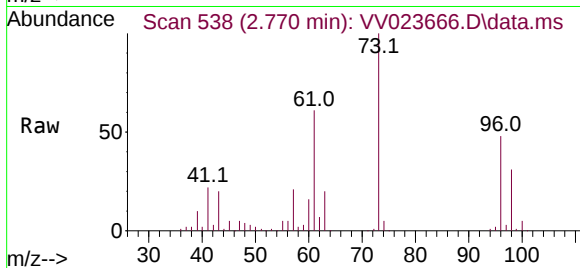
Tgt Ion: 73 Resp: 208760

Ion Ratio Lower Upper

73 100

43 19.6 15.5 23.3

57 21.1 17.1 25.7



#18

trans-1,2-Dichloroethene

Concen: 10.197 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.000 min

Lab File: VV023666.D

Acq: 23 Nov 2021 12:45

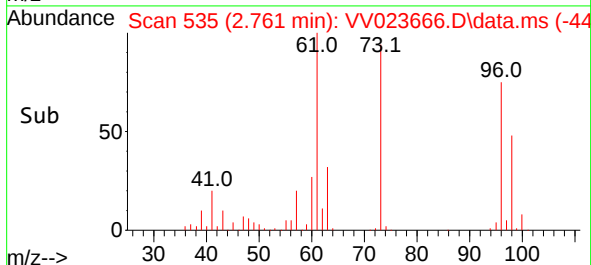
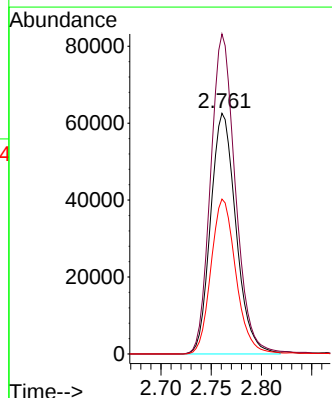
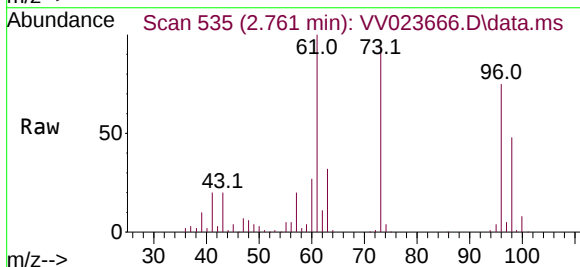
Tgt Ion: 96 Resp: 109884

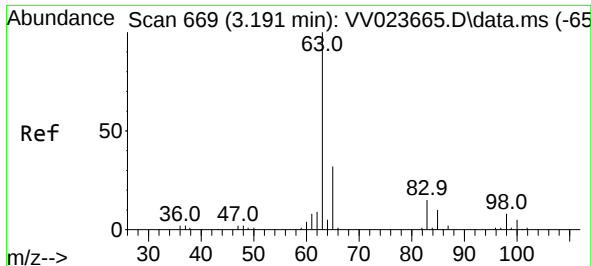
Ion Ratio Lower Upper

96 100

61 132.9 88.2 163.8

98 64.4 44.9 83.5





#19

1,1-Dichloroethane

Concen: 10.258 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV023666.D

Acq: 23 Nov 2021 12:45

Instrument :

MSVOA_V

ClientSampleId :

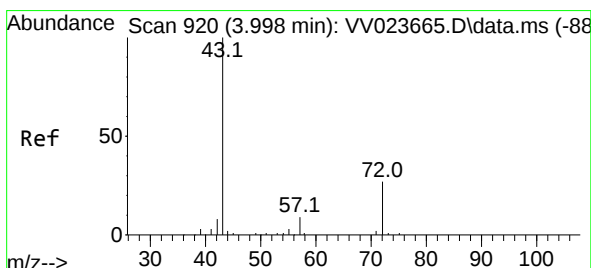
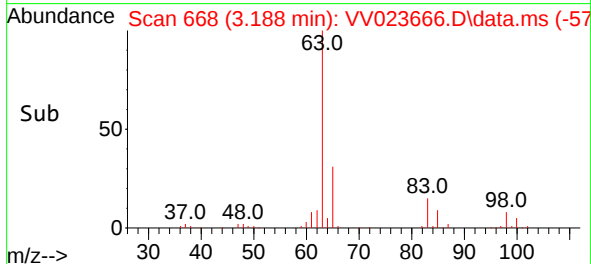
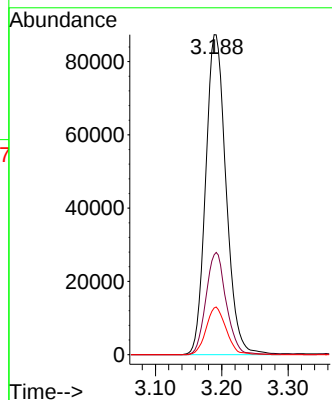
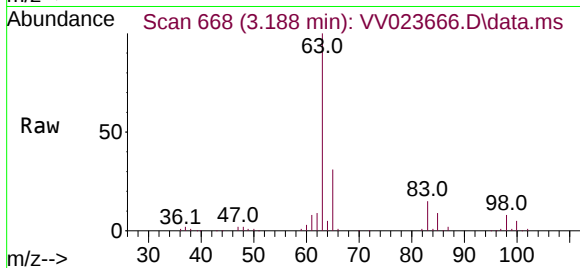
Tgt Ion: 63 Resp: 186557

Ion Ratio Lower Upper

63 100

65 31.2 22.3 41.3

83 14.6 10.7 19.9



#21

2-Butanone

Concen: 92.150 ug/L

RT: 3.986 min Scan# 916

Delta R.T. -0.013 min

Lab File: VV023666.D

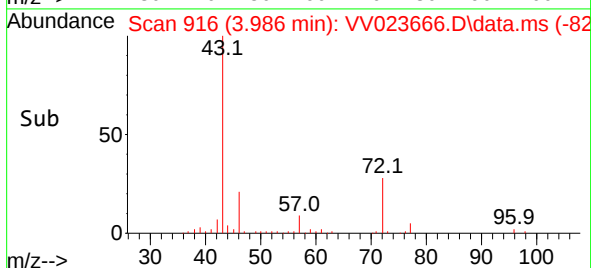
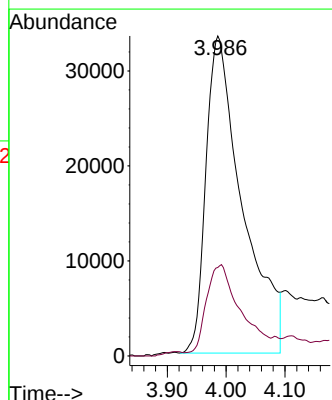
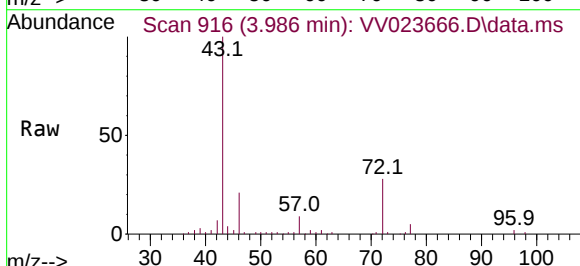
Acq: 23 Nov 2021 12:45

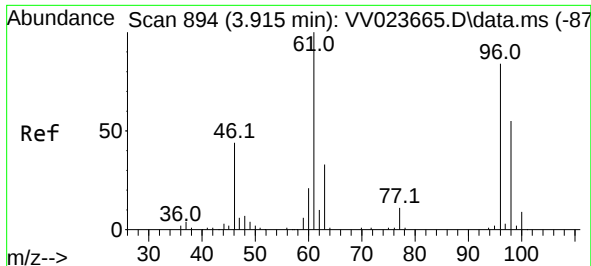
Tgt Ion: 43 Resp: 143856

Ion Ratio Lower Upper

43 100

72 25.7 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 10.907 ug/L

RT: 3.912 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV023666.D

Acq: 23 Nov 2021 12:45

Instrument :

MSVOA_V

ClientSampleId :

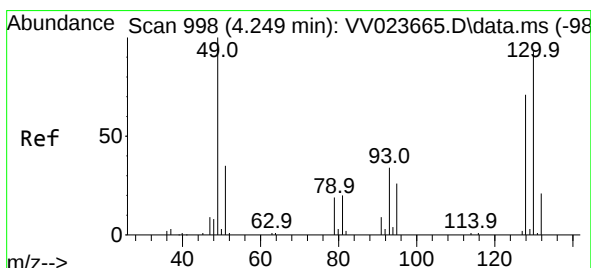
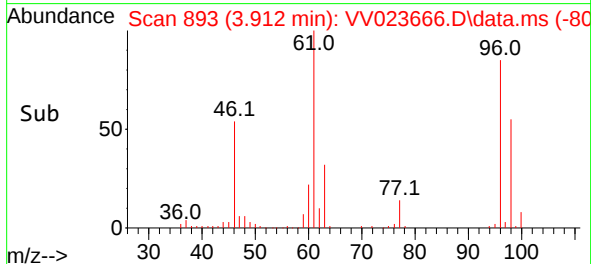
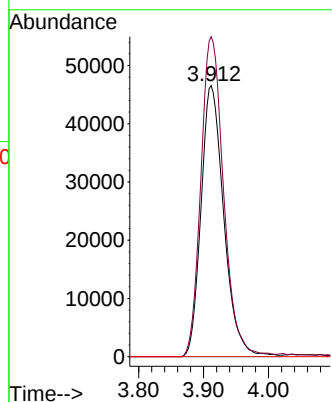
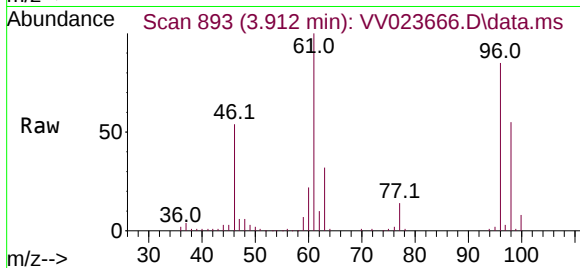
Tgt Ion: 96 Resp: 113588

Ion Ratio Lower Upper

96 100

61 118.1 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 10.975 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.000 min

Lab File: VV023666.D

Acq: 23 Nov 2021 12:45

Tgt Ion: 128 Resp: 52644

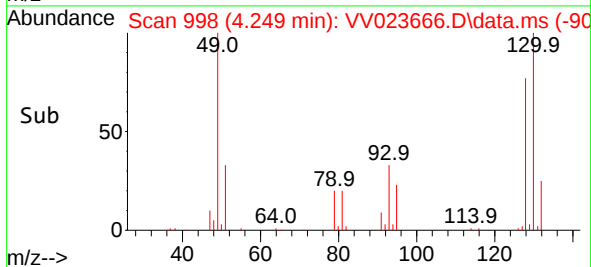
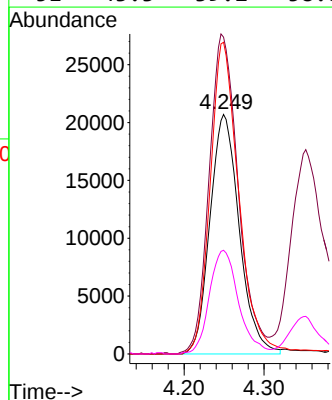
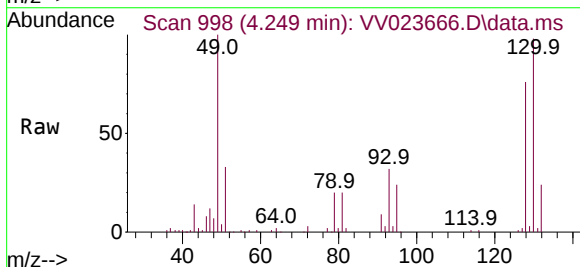
Ion Ratio Lower Upper

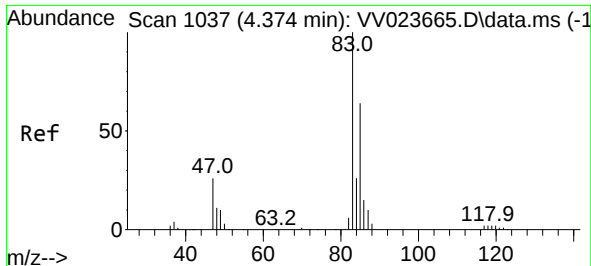
128 100

49 132.3 100.2 186.2

130 130.1 92.5 171.7

51 43.3 39.2 58.8





#25

Chloroform

Concen: 10.445 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV023666.D

Acq: 23 Nov 2021 12:45

Instrument :

MSVOA_V

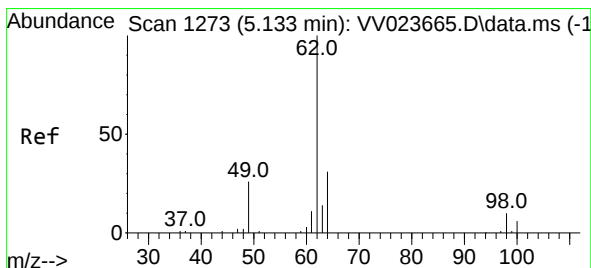
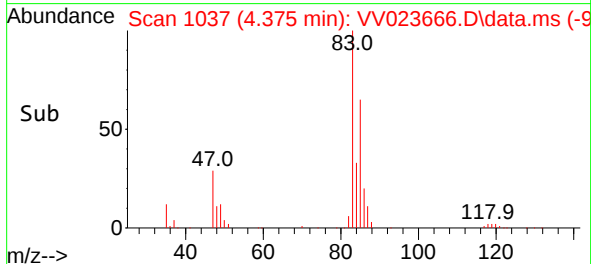
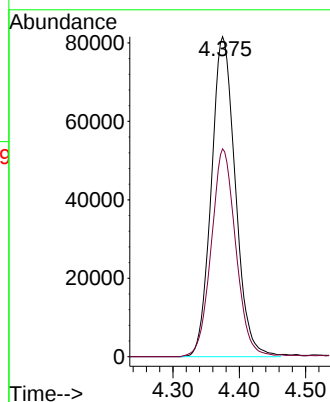
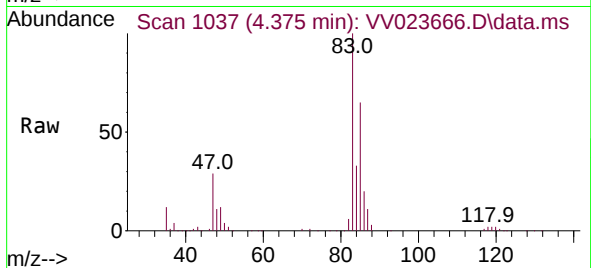
ClientSampleId :

Tgt Ion: 83 Resp: 205138

Ion Ratio Lower Upper

83 100

85 64.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 10.781 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV023666.D

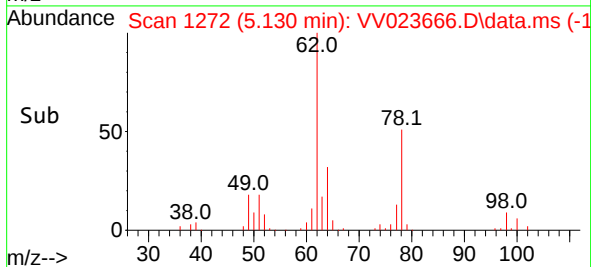
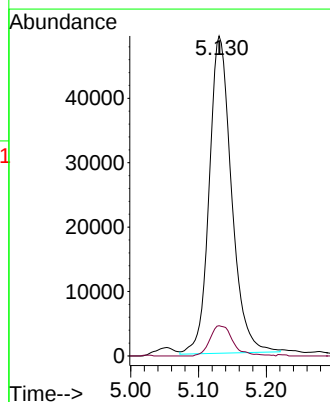
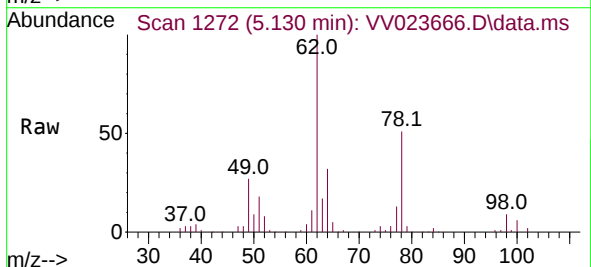
Acq: 23 Nov 2021 12:45

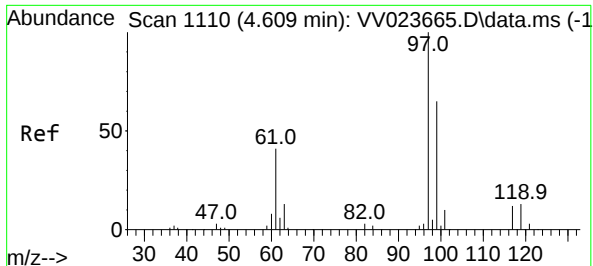
Tgt Ion: 62 Resp: 113020

Ion Ratio Lower Upper

62 100

98 9.4 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 10.512 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV023666.D

Acq: 23 Nov 2021 12:45

Instrument :

MSVOA_V

ClientSampleId :

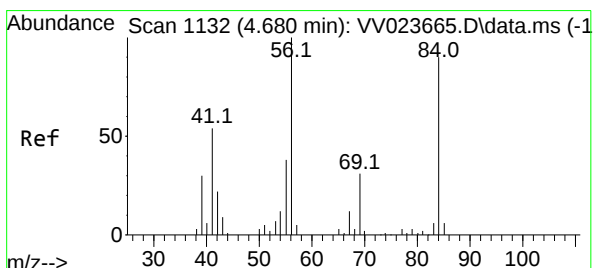
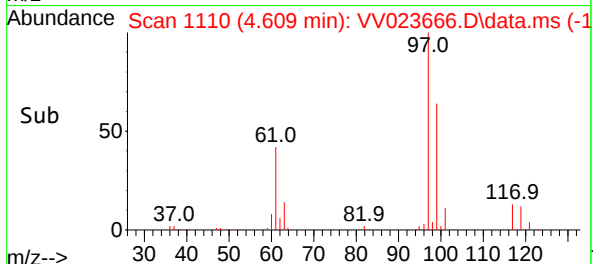
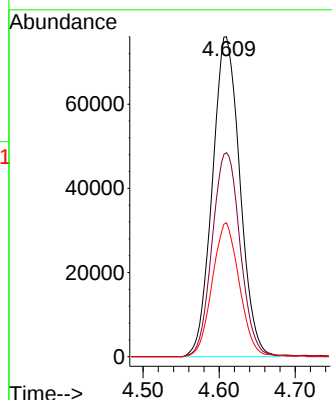
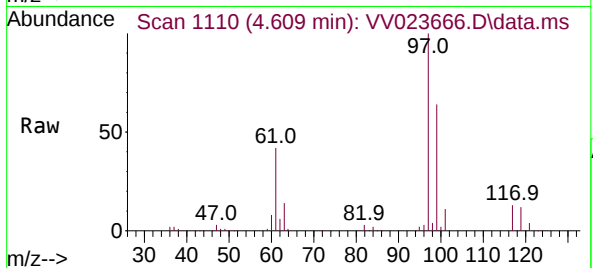
Tgt Ion: 97 Resp: 191578

Ion Ratio Lower Upper

97 100

99 64.8 51.9 77.9

61 41.3 33.2 49.8



#30

Cyclohexane

Concen: 10.639 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VV023666.D

Acq: 23 Nov 2021 12:45

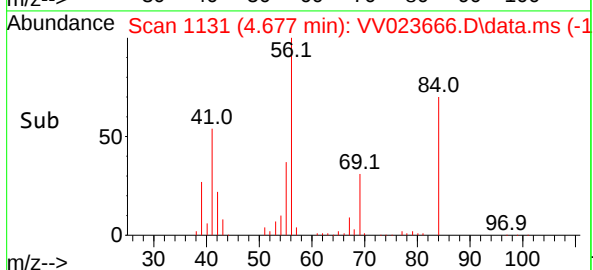
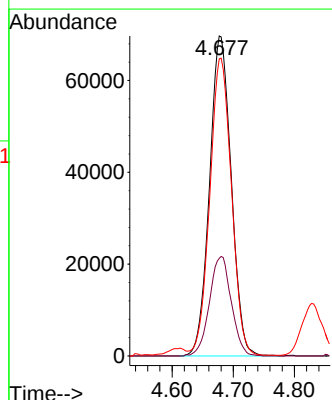
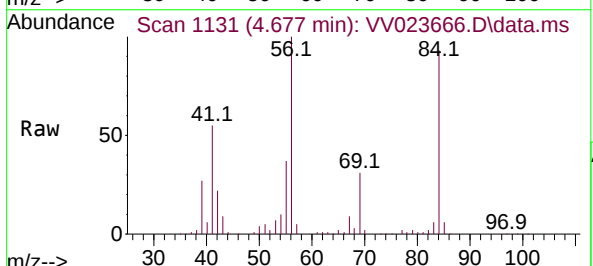
Tgt Ion: 56 Resp: 171642

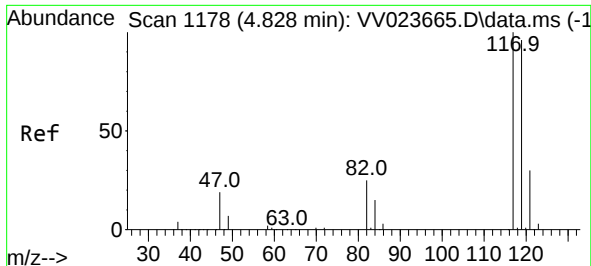
Ion Ratio Lower Upper

56 100

69 31.4 24.8 37.2

84 92.8 75.9 113.9

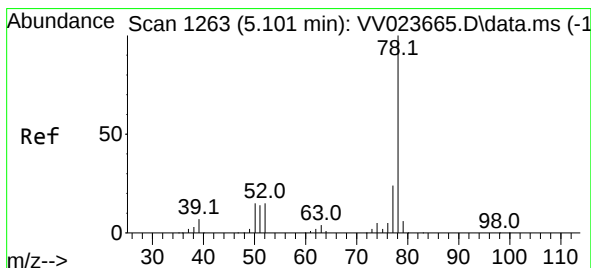
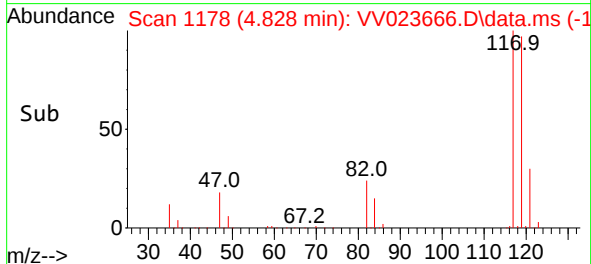
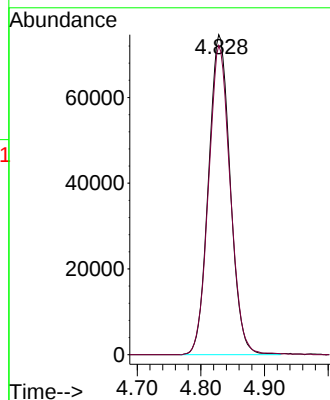
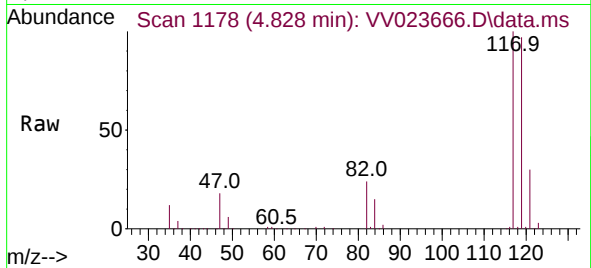




#31
Carbon tetrachloride
Concen: 10.705 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

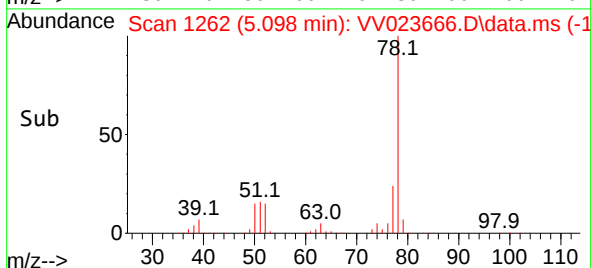
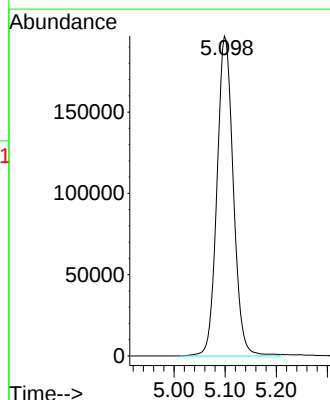
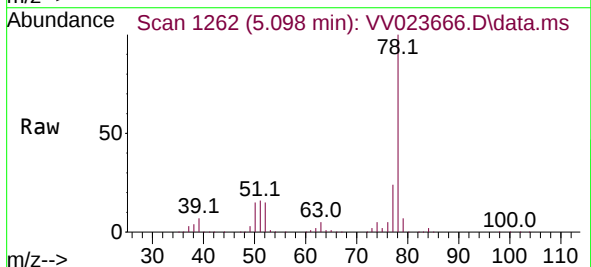
Instrument :
MSVOA_V
ClientSampleId :

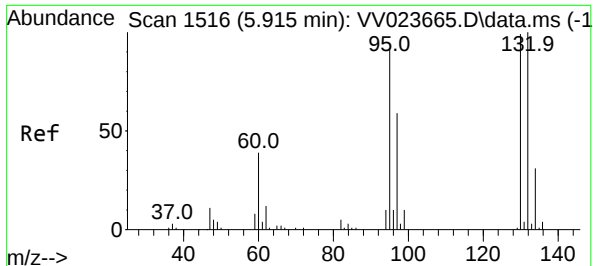
Tgt Ion:117 Resp: 176245
Ion Ratio Lower Upper
117 100
119 96.9 76.6 114.8



#33
Benzene
Concen: 10.567 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.003 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

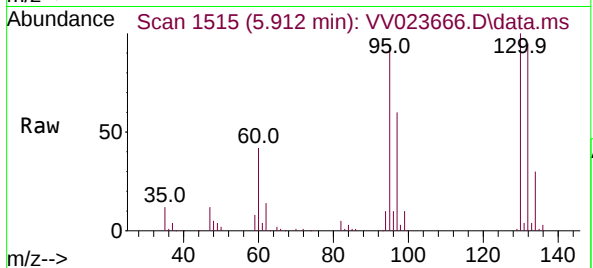
Tgt Ion: 78 Resp: 437178



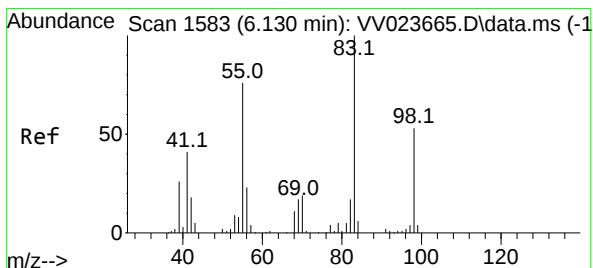
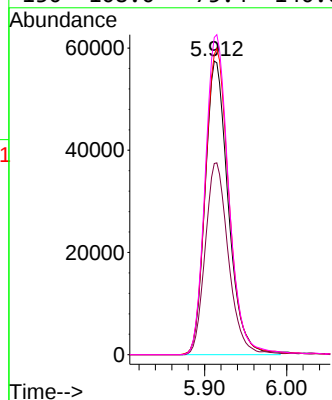
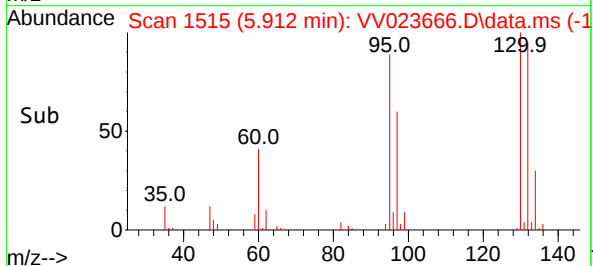


#34
Trichloroethene
Concen: 10.177 ug/L
RT: 5.912 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

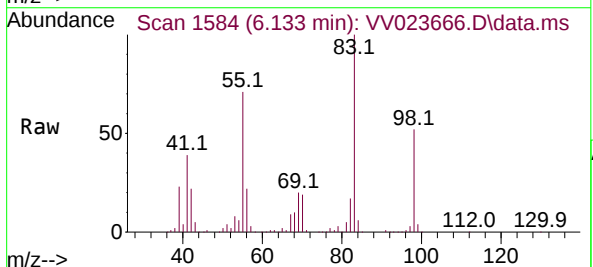
Instrument :
MSVOA_V
ClientSampleId :



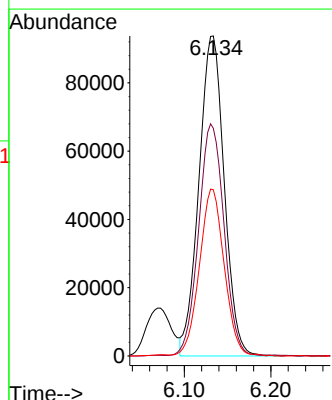
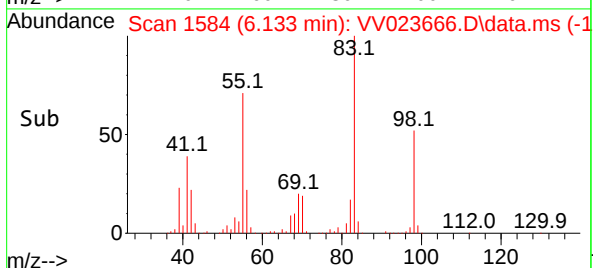
Tgt Ion: 95 Resp: 112718
Ion Ratio Lower Upper
95 100
97 65.1 45.2 84.0
132 102.2 76.1 141.3
130 108.0 75.4 140.0

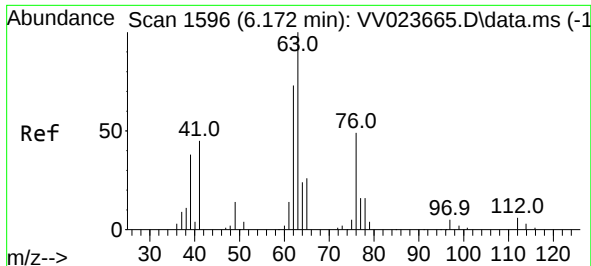


#35
Methylcyclohexane
Concen: 10.902 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45



Tgt Ion: 83 Resp: 190479
Ion Ratio Lower Upper
83 100
55 72.4 60.2 90.2
98 51.1 41.0 61.4





#37

1,2-Dichloropropane

Concen: 10.381 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV023666.D

Acq: 23 Nov 2021 12:45

Instrument :

MSVOA_V

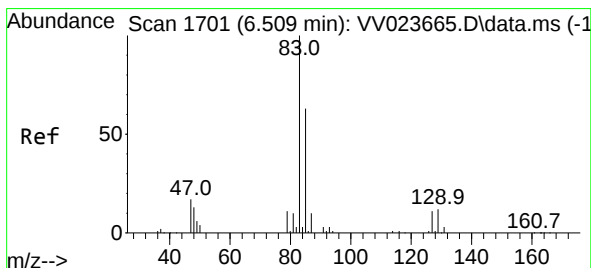
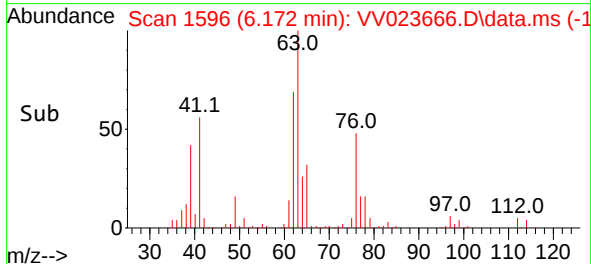
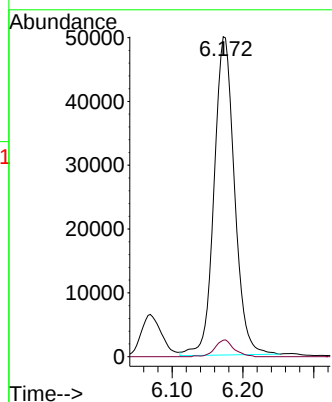
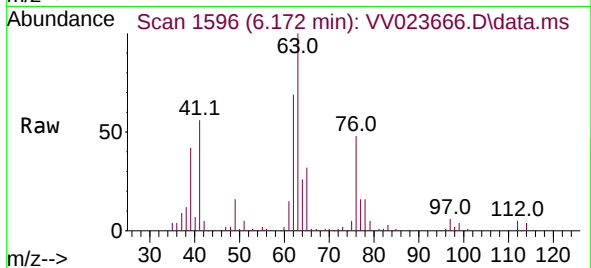
ClientSampleId :

Tgt Ion: 63 Resp: 99976

Ion Ratio Lower Upper

63 100

112 4.8 4.3 6.5



#38

Bromodichloromethane

Concen: 10.503 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV023666.D

Acq: 23 Nov 2021 12:45

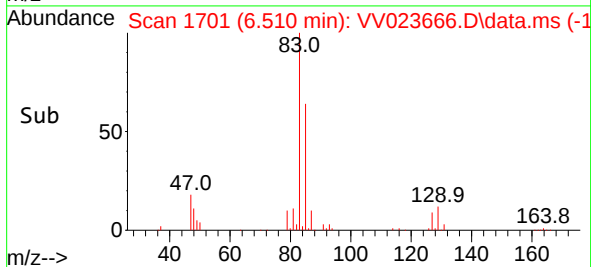
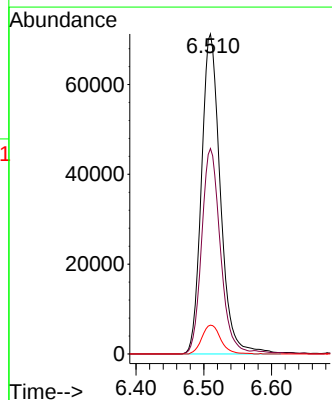
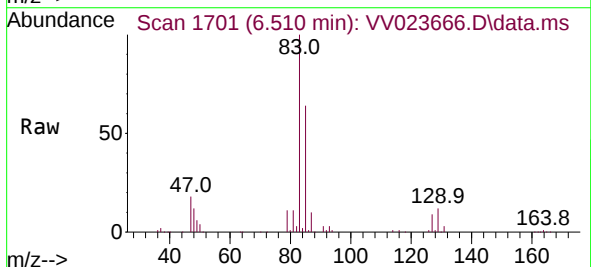
Tgt Ion: 83 Resp: 137880

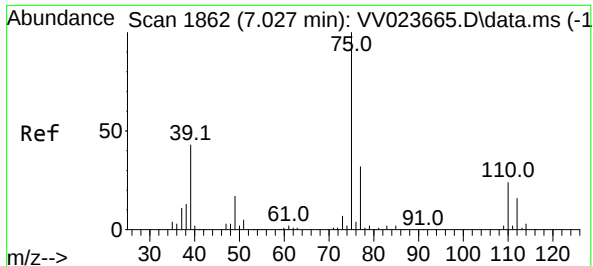
Ion Ratio Lower Upper

83 100

85 64.2 44.0 81.8

127 9.0 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 10.900 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV023666.D

Acq: 23 Nov 2021 12:45

Instrument :

MSVOA_V

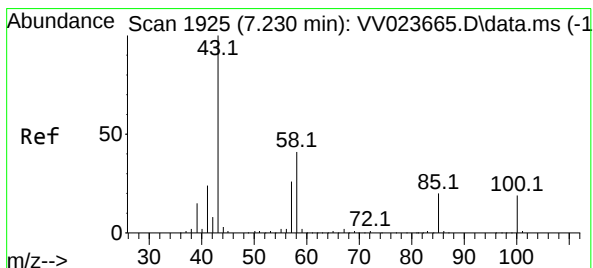
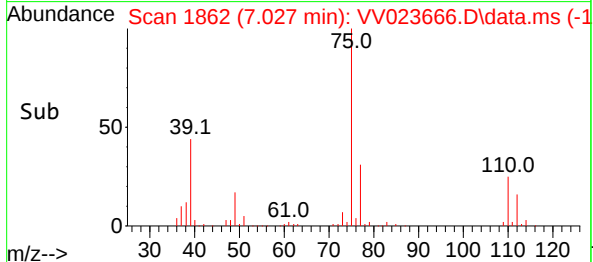
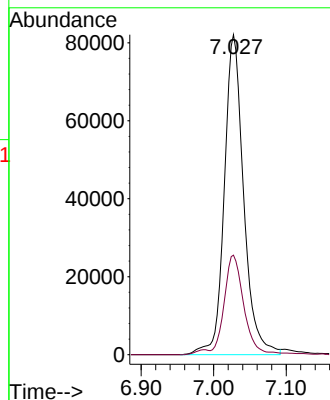
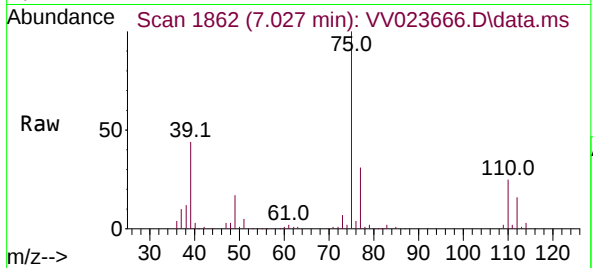
ClientSampleId :

Tgt Ion: 75 Resp: 152248

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 114.770 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.003 min

Lab File: VV023666.D

Acq: 23 Nov 2021 12:45

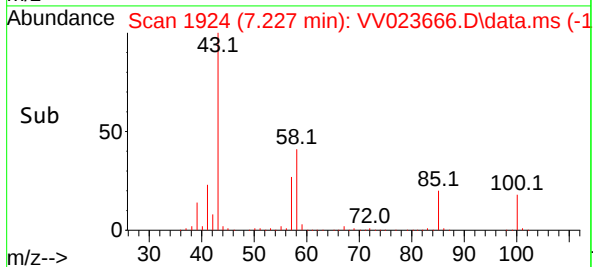
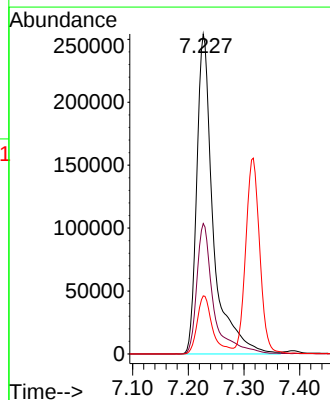
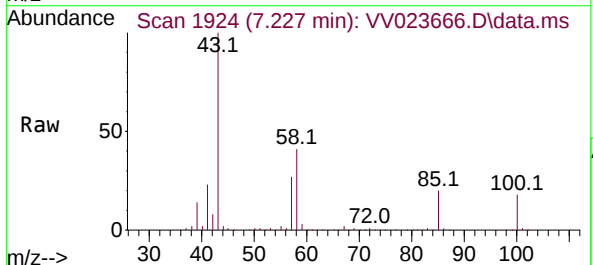
Tgt Ion: 43 Resp: 523723

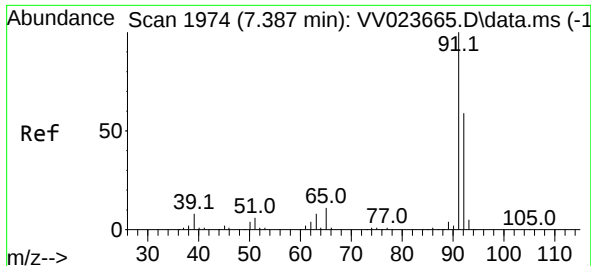
Ion Ratio Lower Upper

43 100

58 41.3 32.3 48.5

100 17.0 13.0 19.6

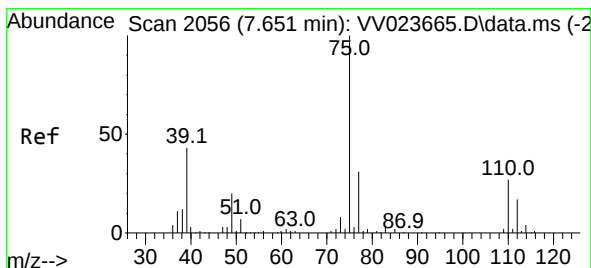
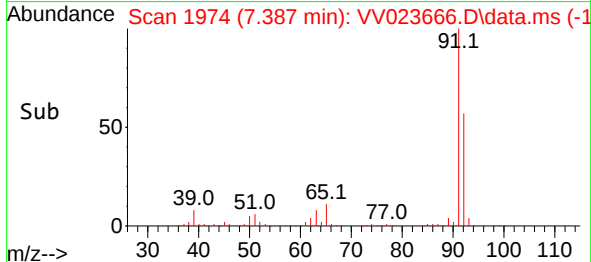
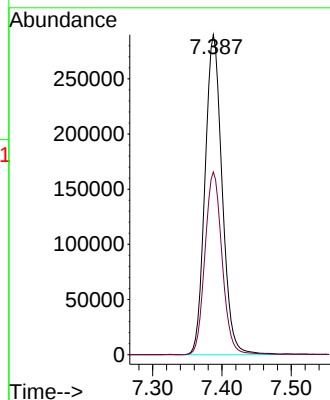
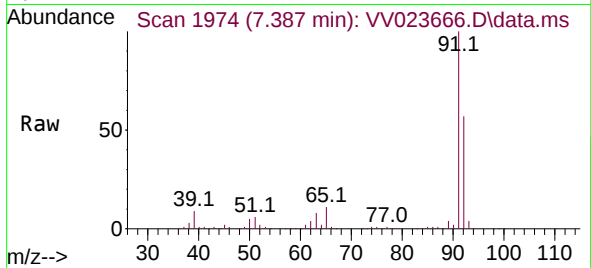




#42
Toluene
Concen: 11.130 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

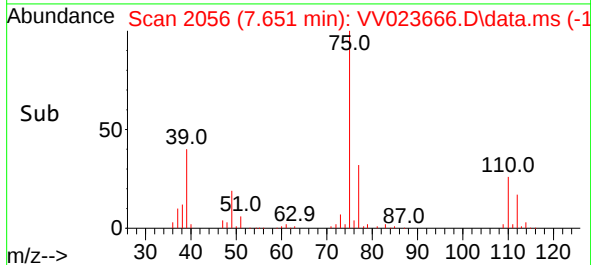
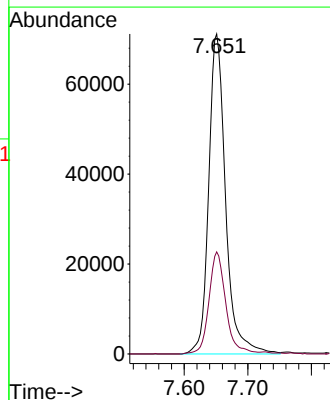
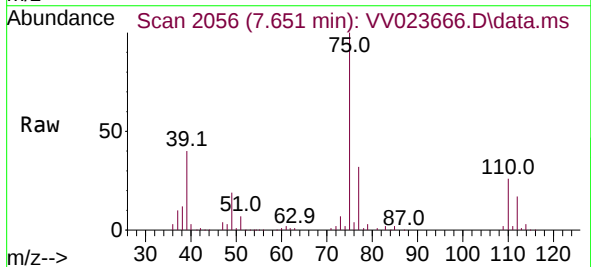
Instrument :
MSVOA_V
ClientSampleId :

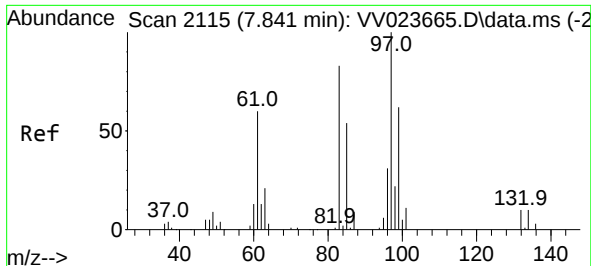
Tgt Ion: 91 Resp: 496426
Ion Ratio Lower Upper
91 100
92 57.1 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 11.358 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

Tgt Ion: 75 Resp: 131171
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.4

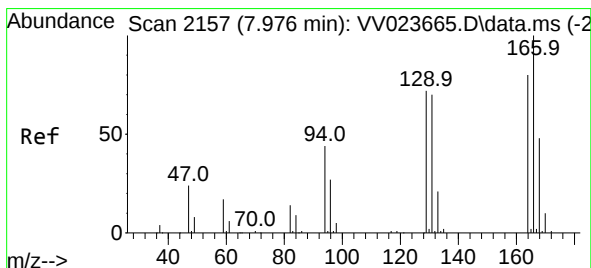
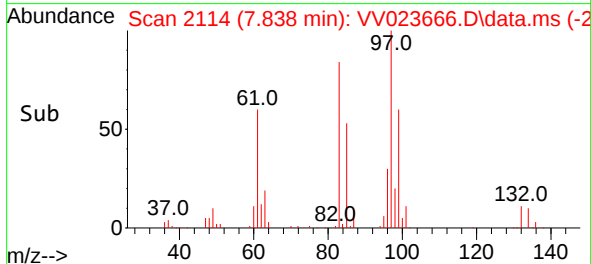
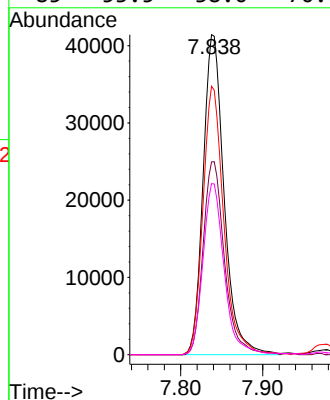
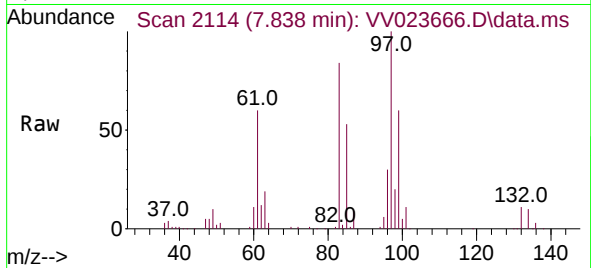




#45
1,1,2-Trichloroethane
Concen: 10.473 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

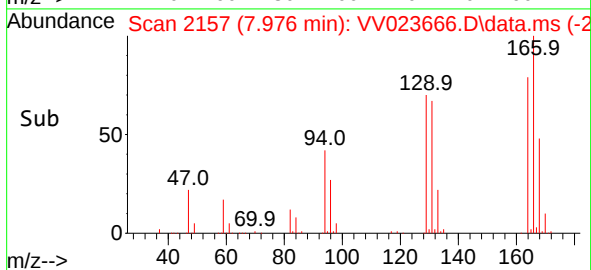
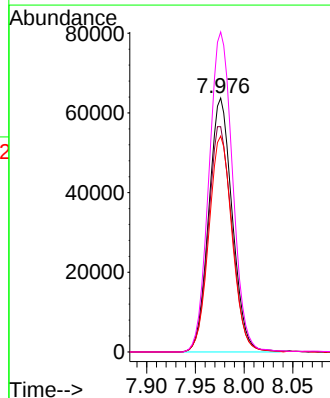
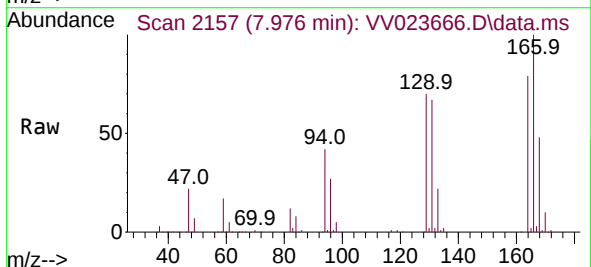
Instrument :
MSVOA_V
ClientSampleId :

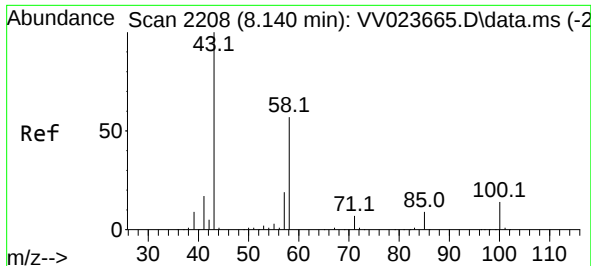
Tgt Ion:	97	Resp:	73652
Ion	Ratio	Lower	Upper
97	100		
99	60.3	43.1	80.1
83	83.9	57.9	107.5
85	53.5	38.0	70.6



#47
Tetrachloroethene
Concen: 11.036 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

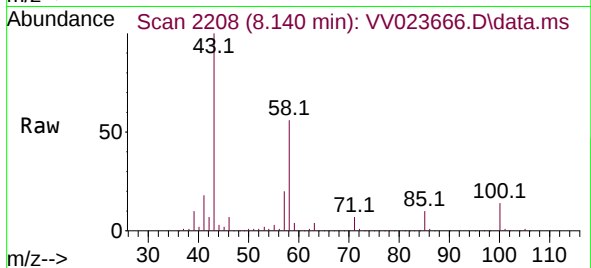
Tgt Ion:	164	Resp:	106800
Ion	Ratio	Lower	Upper
164	100		
129	88.7	62.6	116.2
131	85.0	61.0	113.4
166	126.0	87.3	162.1



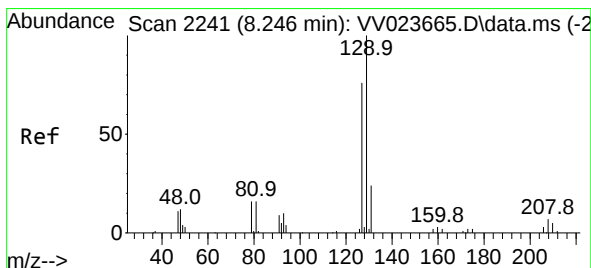
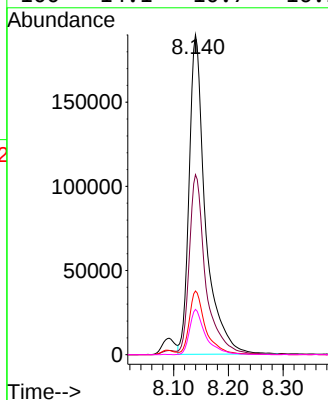
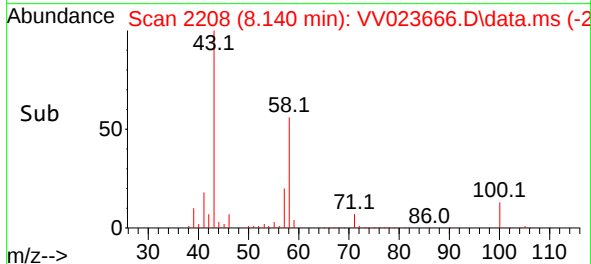


#48
2-Hexanone
Concen: 123.362 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

Instrument :
MSVOA_V
ClientSampleId :

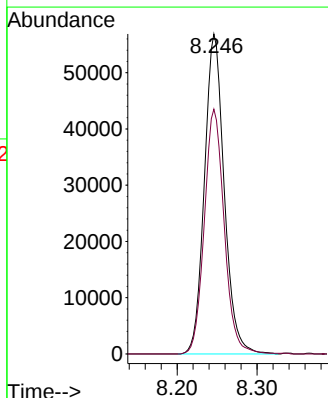
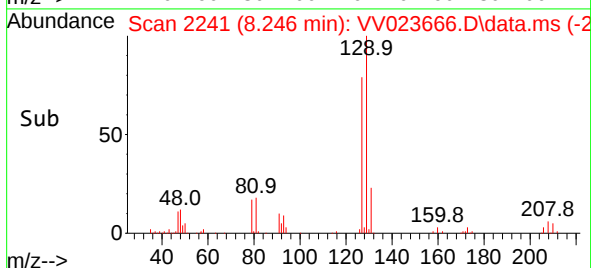
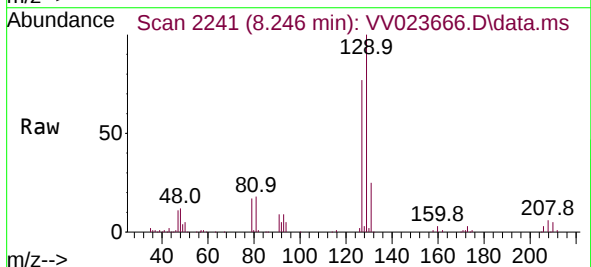


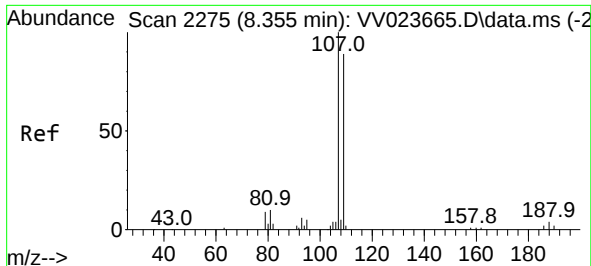
Tgt Ion: 43 Resp: 391564
Ion Ratio Lower Upper
43 100
58 56.4 44.5 66.7
57 19.9 15.1 22.7
100 14.1 10.7 16.1



#49
Dibromochloromethane
Concen: 10.937 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

Tgt Ion:129 Resp: 98026
Ion Ratio Lower Upper
129 100
127 76.5 53.5 99.3





#50

1,2-Dibromoethane

Concen: 10.845 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV023666.D

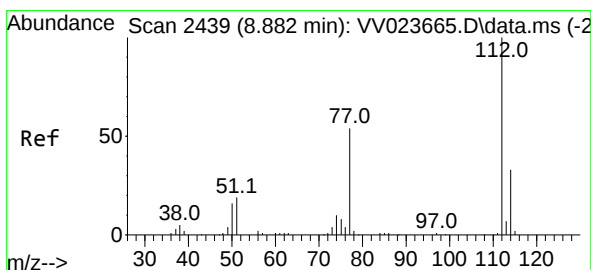
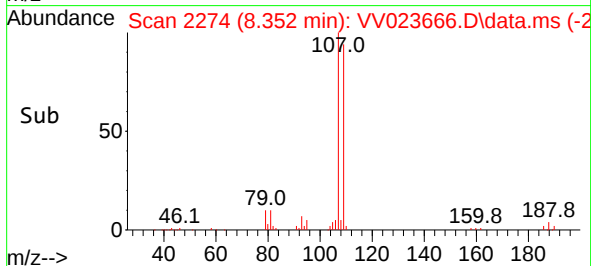
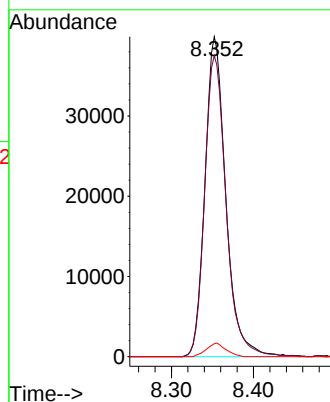
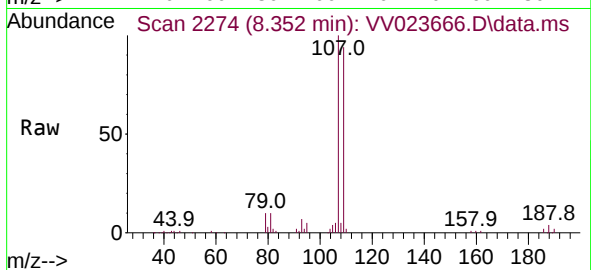
Acq: 23 Nov 2021 12:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	70248
Ion Ratio	Lower	Upper
107	100	
109	94.1	62.5 116.1
188	4.0	3.4 5.2



#51

Chlorobenzene

Concen: 10.487 ug/L

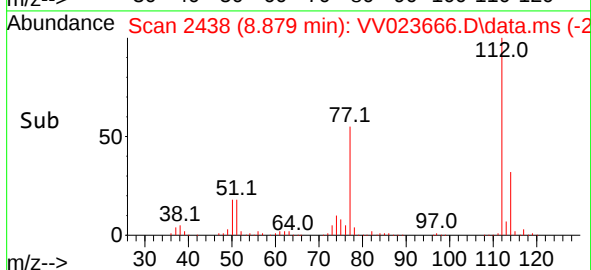
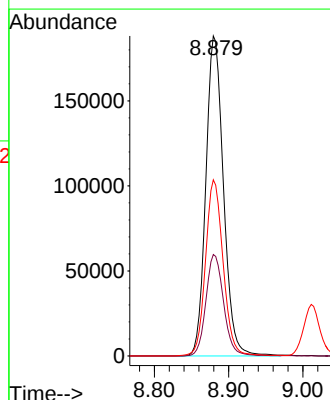
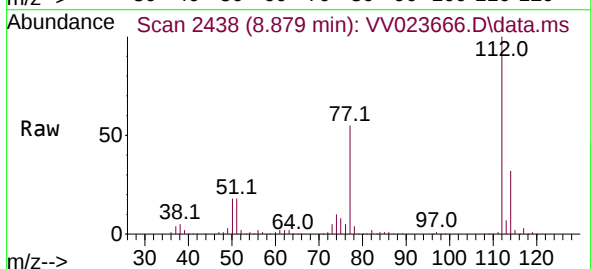
RT: 8.879 min Scan# 2438

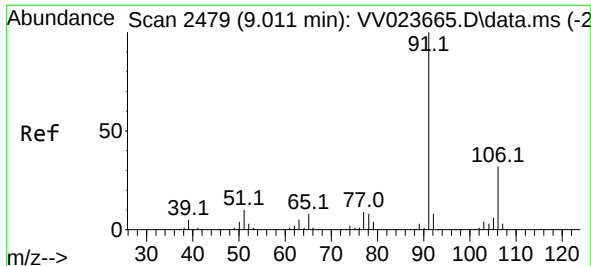
Delta R.T. -0.003 min

Lab File: VV023666.D

Acq: 23 Nov 2021 12:45

Tgt Ion:112	Resp:	310494
Ion Ratio	Lower	Upper
112	100	
114	31.7	23.3 43.3
77	55.1	43.3 64.9

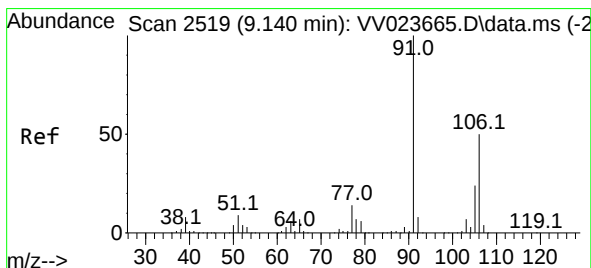
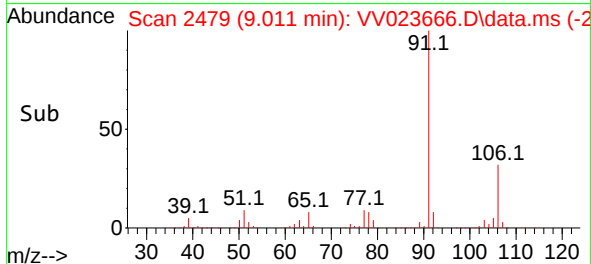
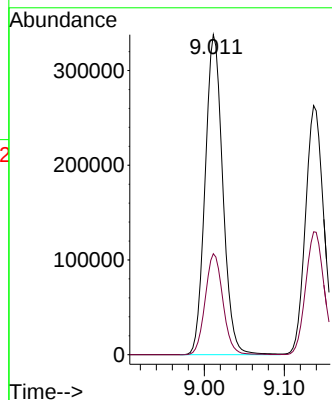
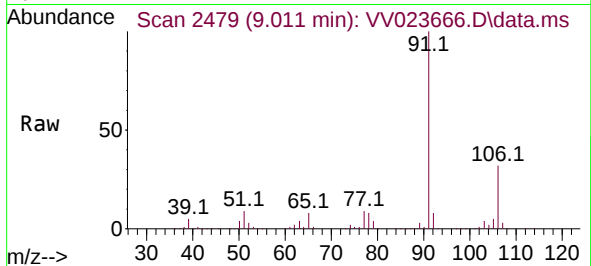




#52
Ethylbenzene
Concen: 11.042 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

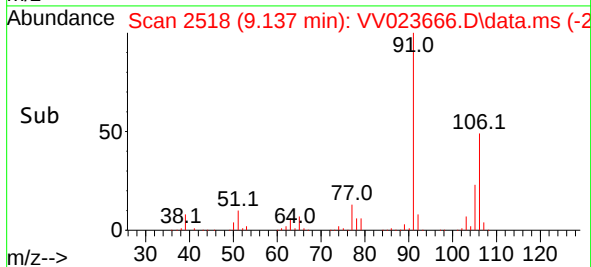
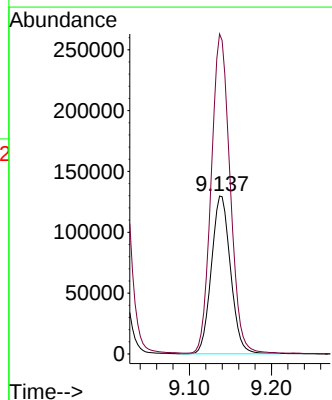
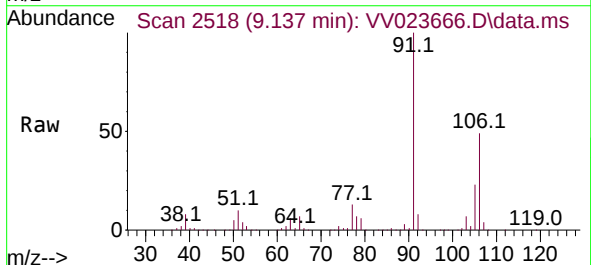
Instrument :
MSVOA_V
ClientSampleId :

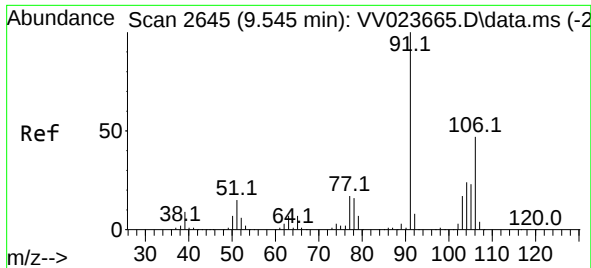
Tgt Ion: 91 Resp: 520143
Ion Ratio Lower Upper
91 100
106 31.5 22.0 41.0



#53
m,p-xylene
Concen: 11.254 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

Tgt Ion: 106 Resp: 209655
Ion Ratio Lower Upper
106 100
91 202.7 139.5 259.1

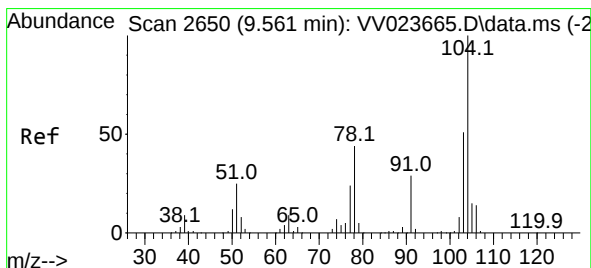
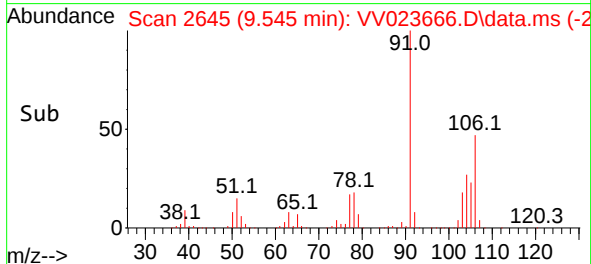
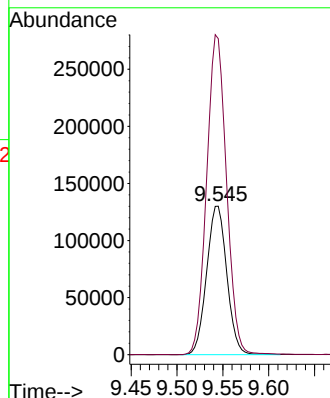
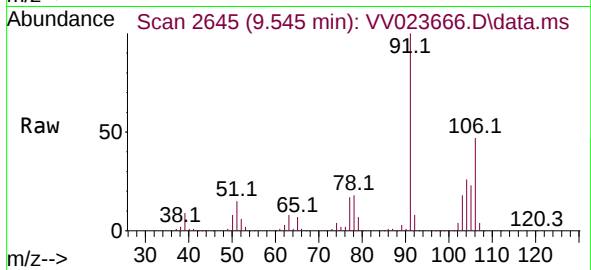




#54
o-xylene
Concen: 11.484 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

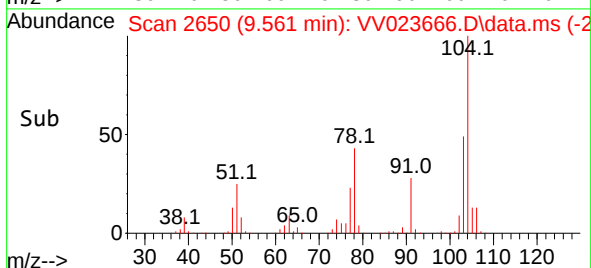
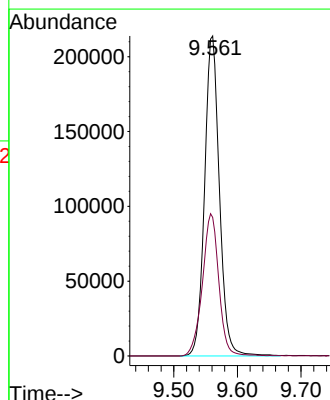
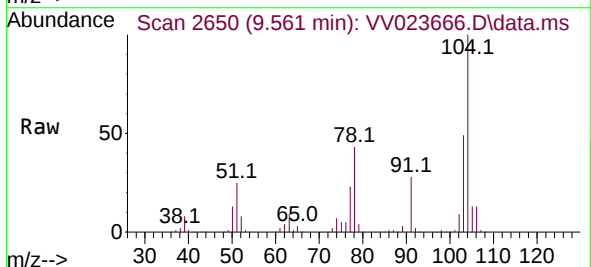
Instrument :
MSVOA_V
ClientSampleId :

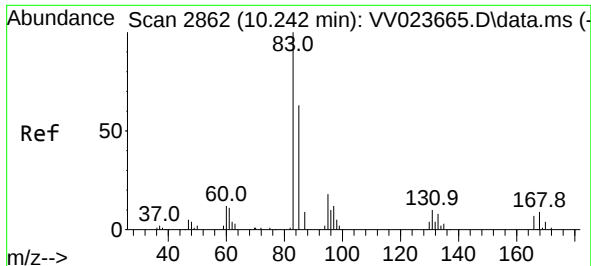
Tgt Ion:106 Resp: 199509
Ion Ratio Lower Upper
106 100
91 212.7 147.9 274.7



#55
Styrene
Concen: 11.603 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

Tgt Ion:104 Resp: 346445
Ion Ratio Lower Upper
104 100
78 43.3 31.0 57.6

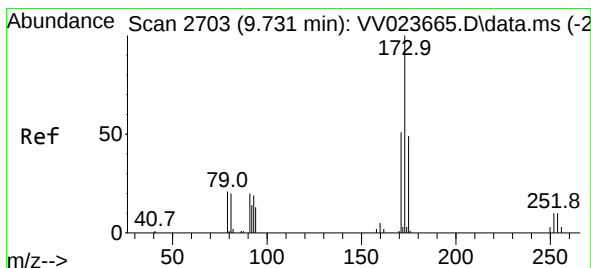
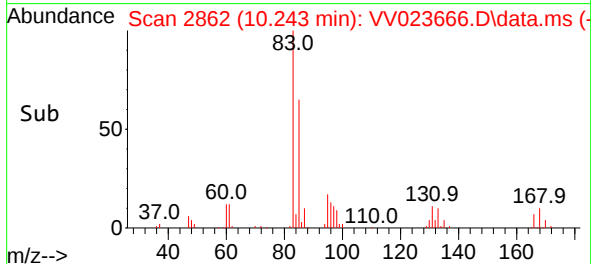
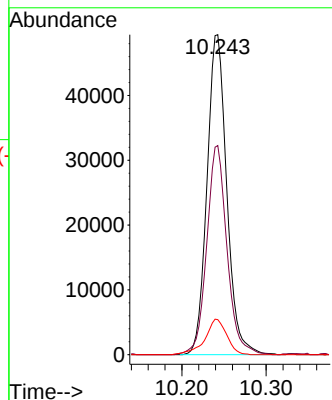
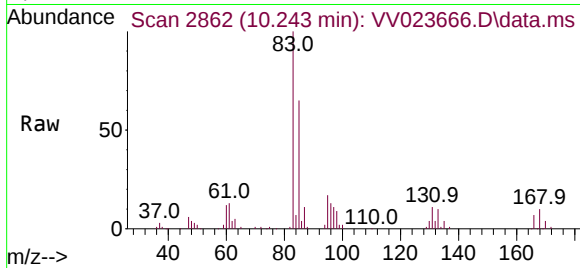




#57
1,1,2,2-Tetrachloroethane
Concen: 10.551 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

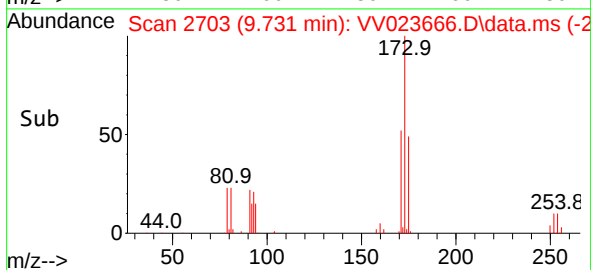
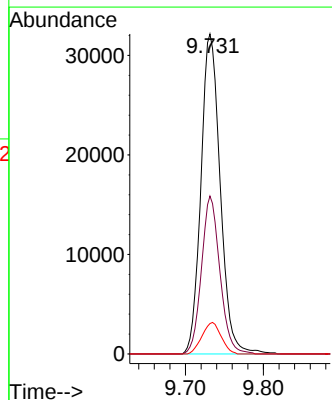
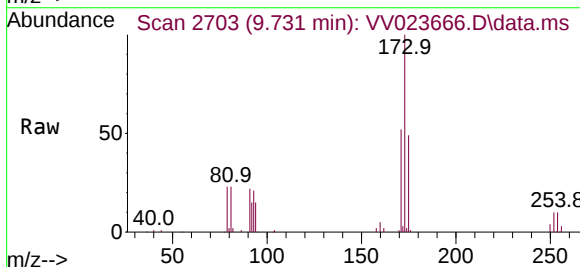
Instrument :
MSVOA_V
ClientSampleId :

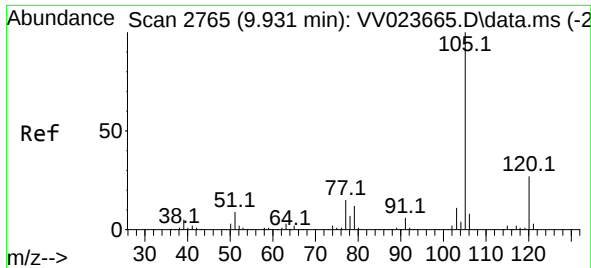
Tgt Ion: 83 Resp: 80626
Ion Ratio Lower Upper
83 100
85 65.4 44.6 82.8
131 10.9 8.3 12.5



#59
Bromoform
Concen: 10.737 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

Tgt Ion: 173 Resp: 55328
Ion Ratio Lower Upper
173 100
175 47.0 39.4 59.2
254 9.8 7.4 11.0

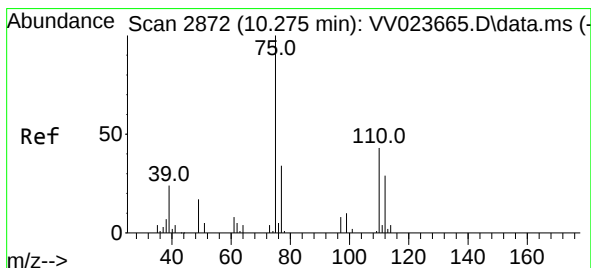
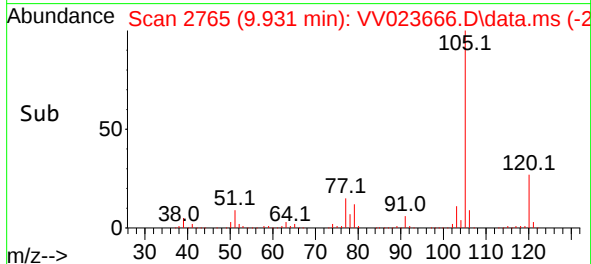
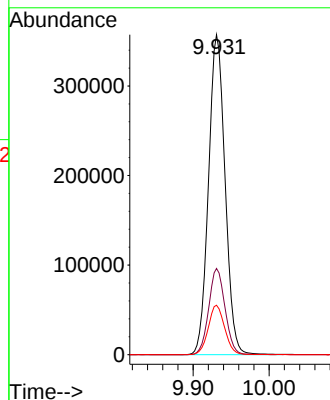
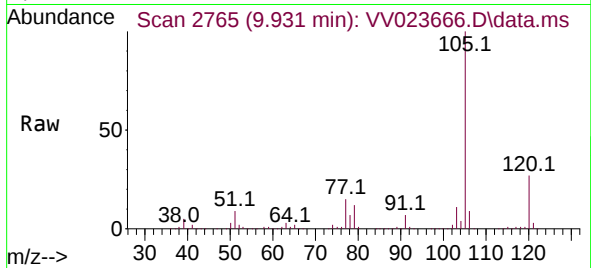




#60
Isopropylbenzene
Concen: 10.993 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

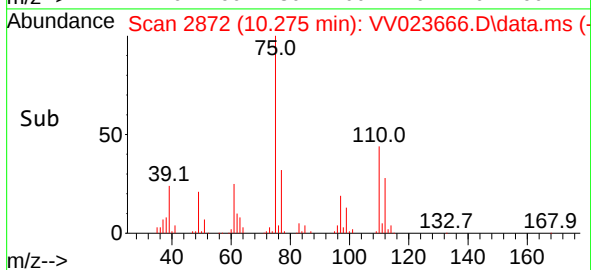
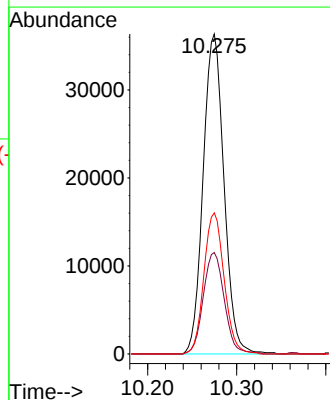
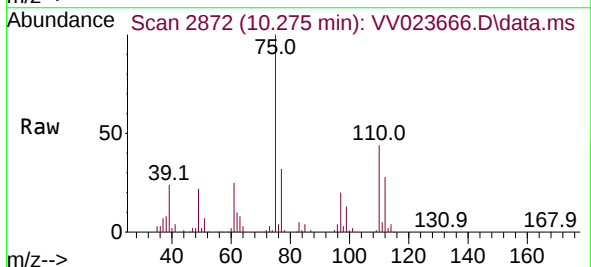
Instrument :
MSVOA_V
ClientSampleId :

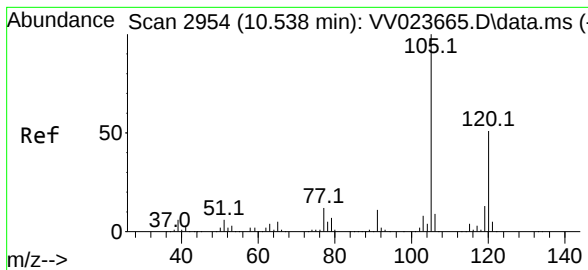
Tgt Ion:105 Resp: 540056
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 15.4 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 10.470 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

Tgt Ion: 75 Resp: 59085
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
110 42.8 34.2 51.2

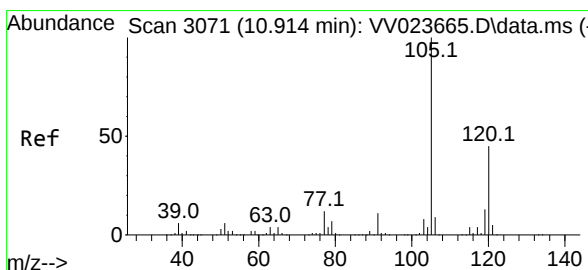
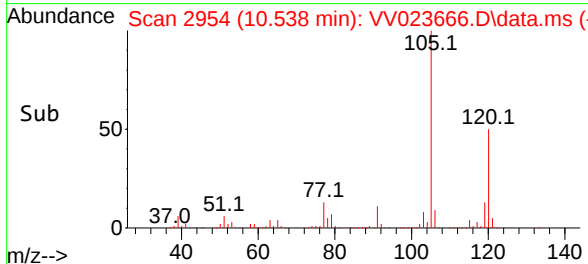
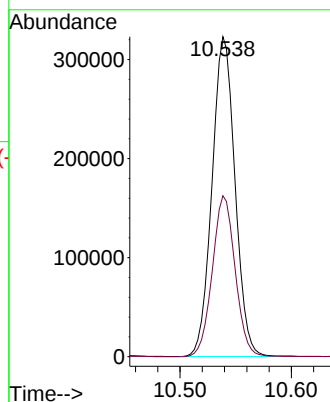
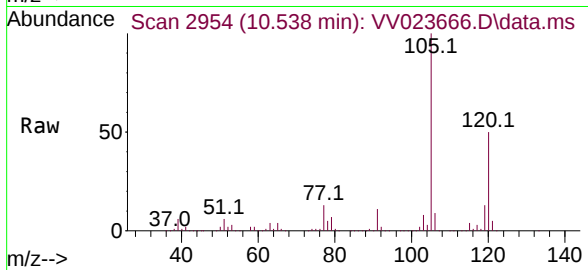




#62
 1,3,5-Trimethylbenzene
 Concen: 11.362 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV023666.D
 Acq: 23 Nov 2021 12:45

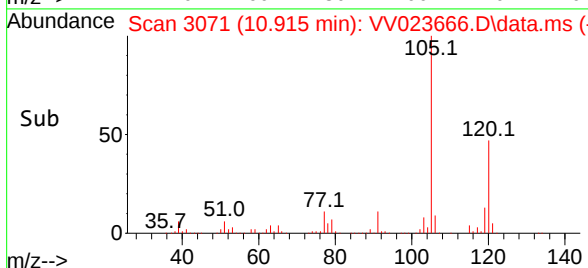
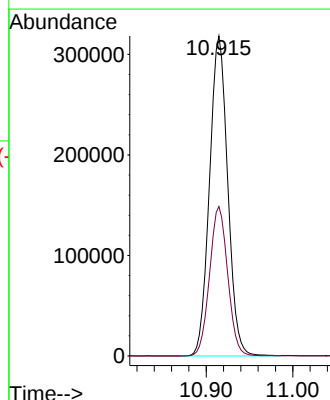
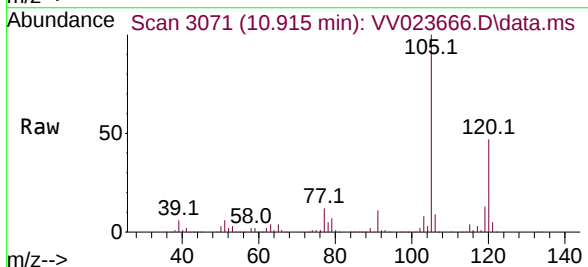
Instrument :
 MSVOA_V
 ClientSampleId :

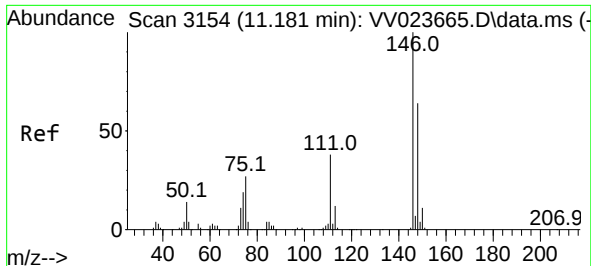
Tgt Ion:105 Resp: 463143
 Ion Ratio Lower Upper
 105 100
 120 50.0 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 11.440 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023666.D
 Acq: 23 Nov 2021 12:45

Tgt Ion:105 Resp: 464347
 Ion Ratio Lower Upper
 105 100
 120 46.6 36.7 55.1

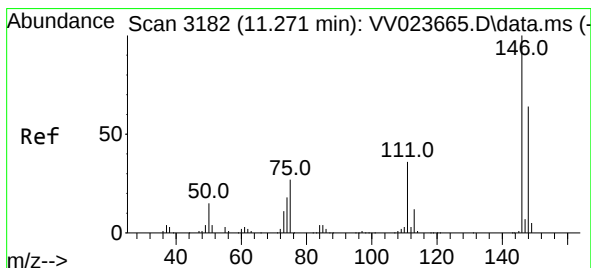
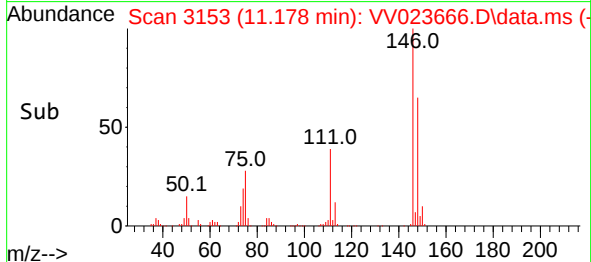
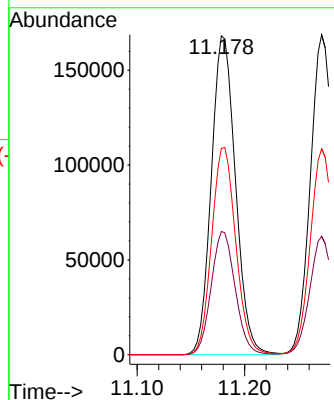
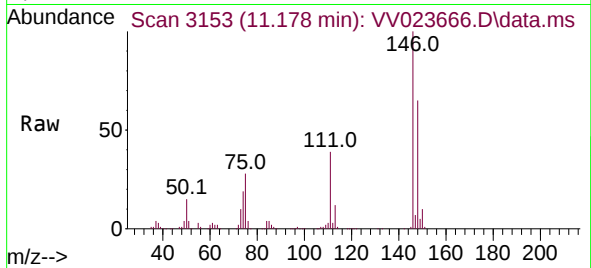




#64
 1,3-Dichlorobenzene
 Concen: 10.531 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.003 min
 Lab File: VV023666.D
 Acq: 23 Nov 2021 12:45

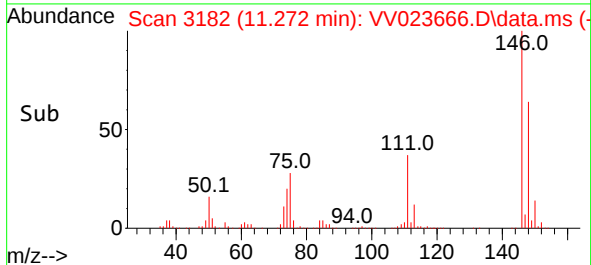
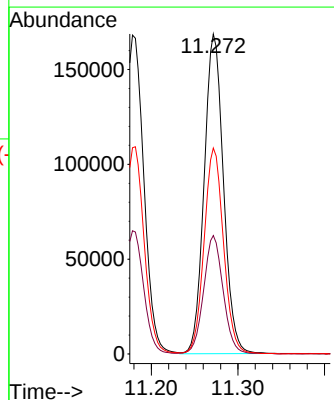
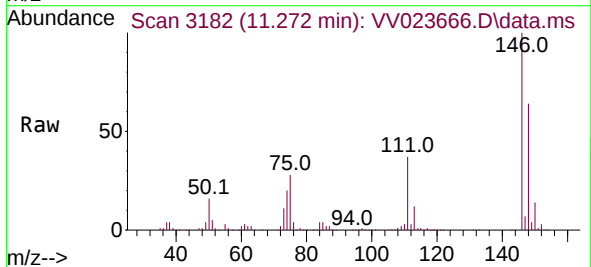
Instrument :
 MSVOA_V
 ClientSampleId :

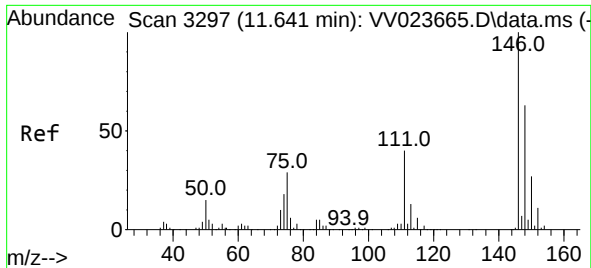
Tgt Ion:146 Resp: 263211
 Ion Ratio Lower Upper
 146 100
 111 38.6 26.3 48.9
 148 64.7 44.4 82.5



#65
 1,4-Dichlorobenzene
 Concen: 10.237 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV023666.D
 Acq: 23 Nov 2021 12:45

Tgt Ion:146 Resp: 260683
 Ion Ratio Lower Upper
 146 100
 111 37.0 25.6 47.6
 148 64.4 44.8 83.2

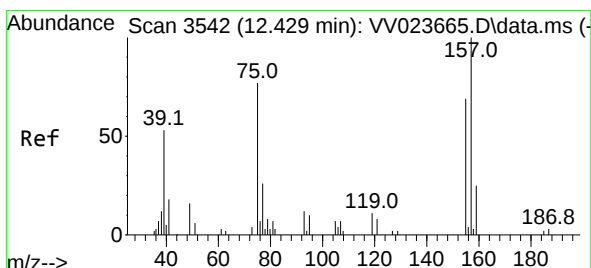
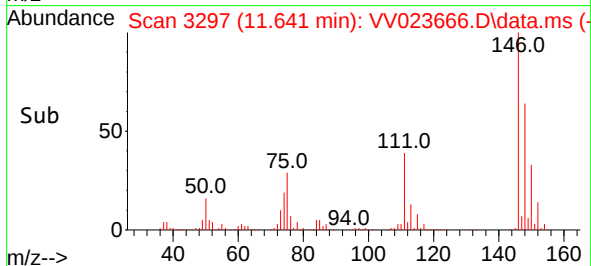
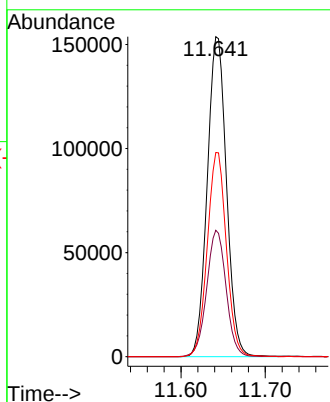
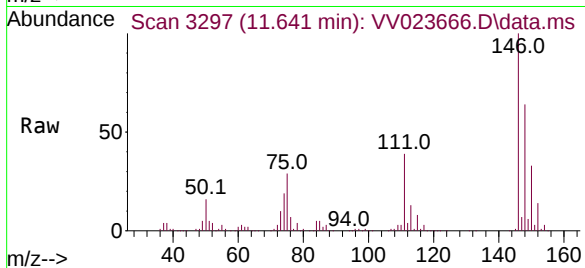




#67
1,2-Dichlorobenzene
Concen: 10.839 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

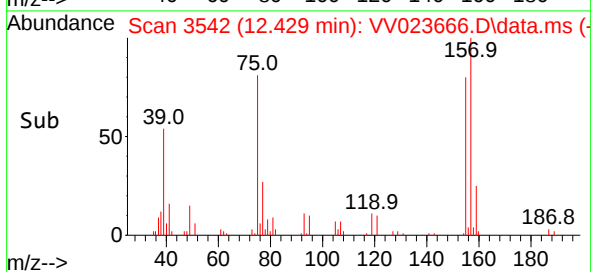
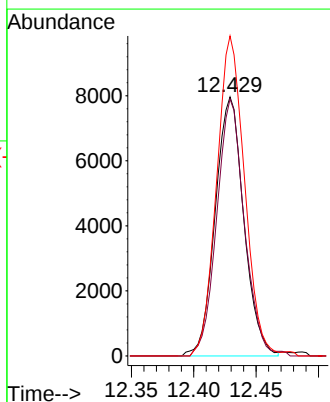
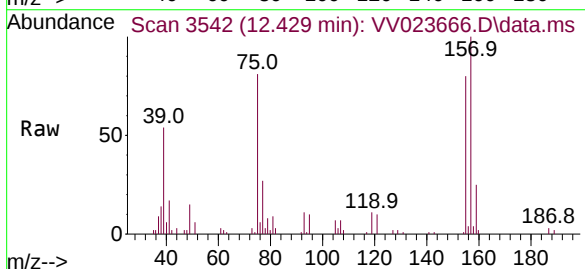
Instrument :
MSVOA_V
ClientSampleId :

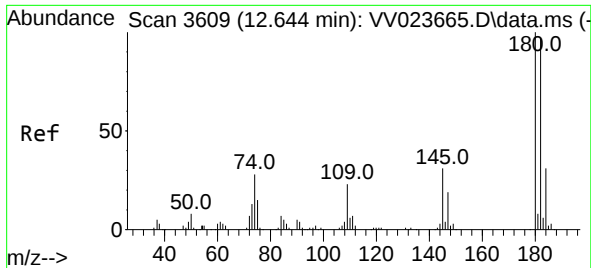
Tgt Ion:146 Resp: 243631
Ion Ratio Lower Upper
146 100
111 39.5 31.9 47.9
148 63.8 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 10.618 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

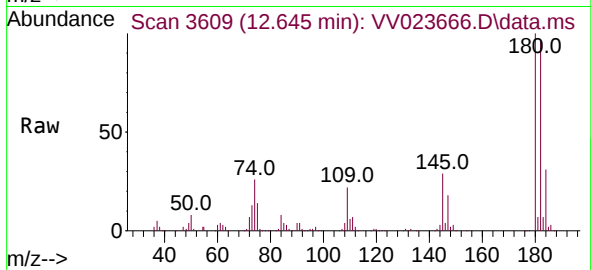
Tgt Ion: 75 Resp: 12713
Ion Ratio Lower Upper
75 100
155 99.2 71.7 107.5
157 123.6 103.3 154.9



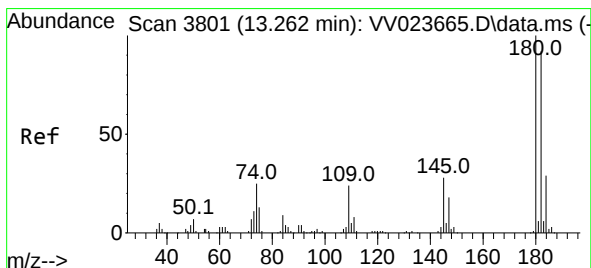
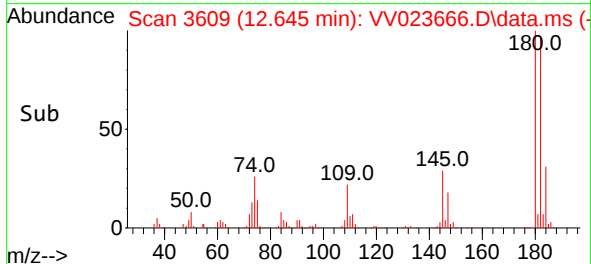
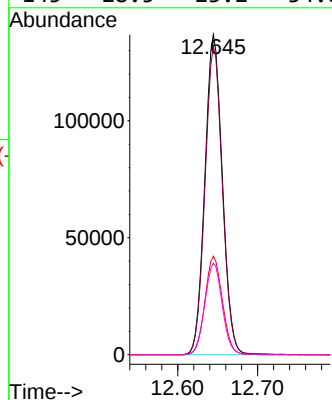


#69
 1,3,5-Trichlorobenzene
 Concen: 10.637 ug/L
 RT: 12.645 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV023666.D
 Acq: 23 Nov 2021 12:45

Instrument :
 MSVOA_V
 ClientSampleId :

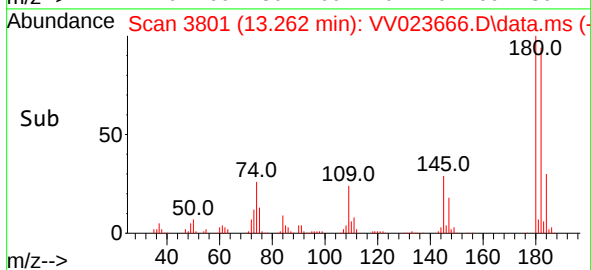
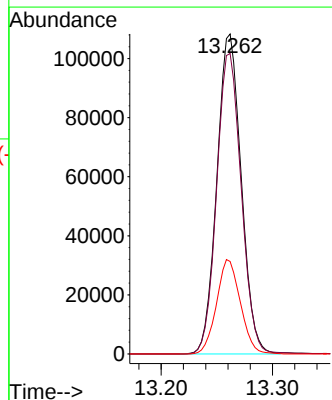
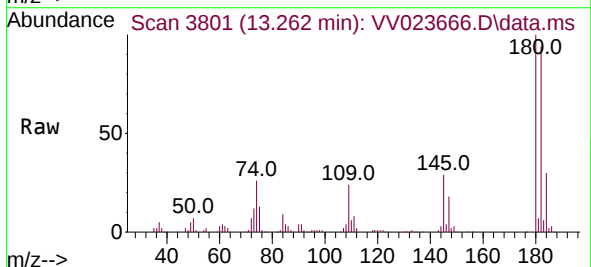


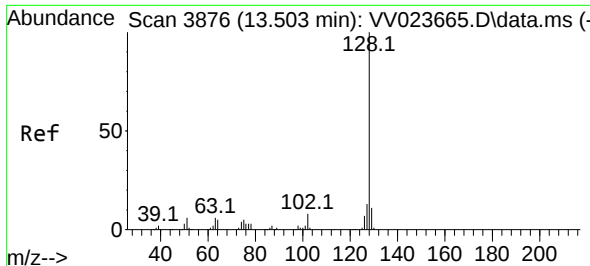
Tgt Ion:180 Resp: 209224
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.4 114.6
 184 30.5 24.2 36.4
 145 28.5 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 10.509 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023666.D
 Acq: 23 Nov 2021 12:45

Tgt Ion:180 Resp: 164442
 Ion Ratio Lower Upper
 180 100
 182 95.0 74.4 111.6
 145 28.8 23.3 34.9

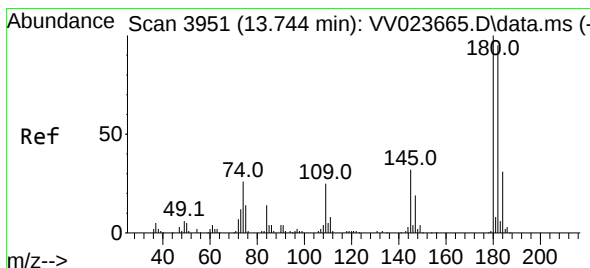
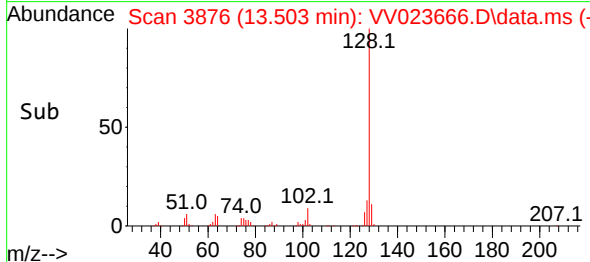
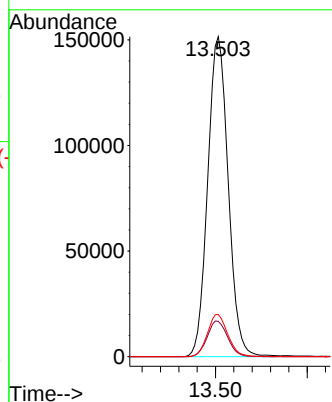
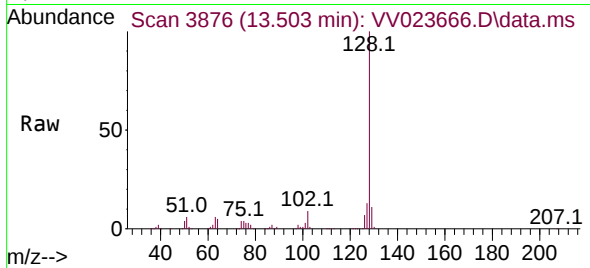




#71
Naphthalene
Concen: 10.393 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 235532
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 10.873 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023666.D
Acq: 23 Nov 2021 12:45

Tgt Ion:180 Resp: 148634
Ion Ratio Lower Upper
180 100
182 94.4 76.8 115.2
145 31.7 25.8 38.6

