

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022739.D
 Acq On : 11 Oct 2021 19:04
 Operator : SY/MD
 Sample : M4109-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 12 03:43:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114154	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	112974	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	51980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30975	3.944	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.568	69	32852	4.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.108	63	49463	3.211	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	3.896	46	98134	47.653	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.300%
24) Chloroform-d	4.349	84	71372	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.034	65	36594	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.050	84	139031	4.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.072	67	45789	4.597	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.317	98	115115	3.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.625	79	13728	4.155	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.092	63	59269	44.513	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.020%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26833	3.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	48798	5.063	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	676	0.081	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	988	0.134	ug/L #	52
12) 1,1-Dichloroethene	2.111	96	541	0.078	ug/L #	1
13) Acetone	2.185	43	76226	66.380	ug/L #	43
14) Carbon disulfide	2.291	76	1023	0.053	ug/L #	65
15) Methyl Acetate	2.185	43	73262	22.297	ug/L #	50
25) Chloroform	4.378	83	8057	0.515	ug/L	98
30) Cyclohexane	4.677	56	863	0.072	ug/L #	82
34) Trichloroethene	5.918	95	21951	2.653	ug/L	96
37) 1,2-Dichloropropane	6.069	63	5067	0.692	ug/L #	84
42) Toluene	7.403	91	2153	0.070	ug/L	91
45) 1,1,2-Trichloroethane	7.973	97	440	0.081	ug/L #	12
47) Tetrachloroethene	7.976	164	41970	6.272	ug/L	97
48) 2-Hexanone	8.143	43	12367	4.302	ug/L #	83
49) Dibromochloromethane	7.976	129	36678	5.770	ug/L #	7
51) Chlorobenzene	8.883	112	2177	0.107	ug/L	95
61) 1,2,3-Trichloropropane	11.249	75	5850	1.620	ug/L #	62
70) 1,2,4-trichlorobenzene	13.268	180	750	0.094	ug/L #	91
71) Naphthalene	13.513	128	2301	0.182	ug/L #	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101121\
Data File : VV022739.D
Acq On : 11 Oct 2021 19:04
Operator : SY/MD
Sample : M4109-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 12 03:43:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 12 03:20:38 2021
Response via : Initial Calibration

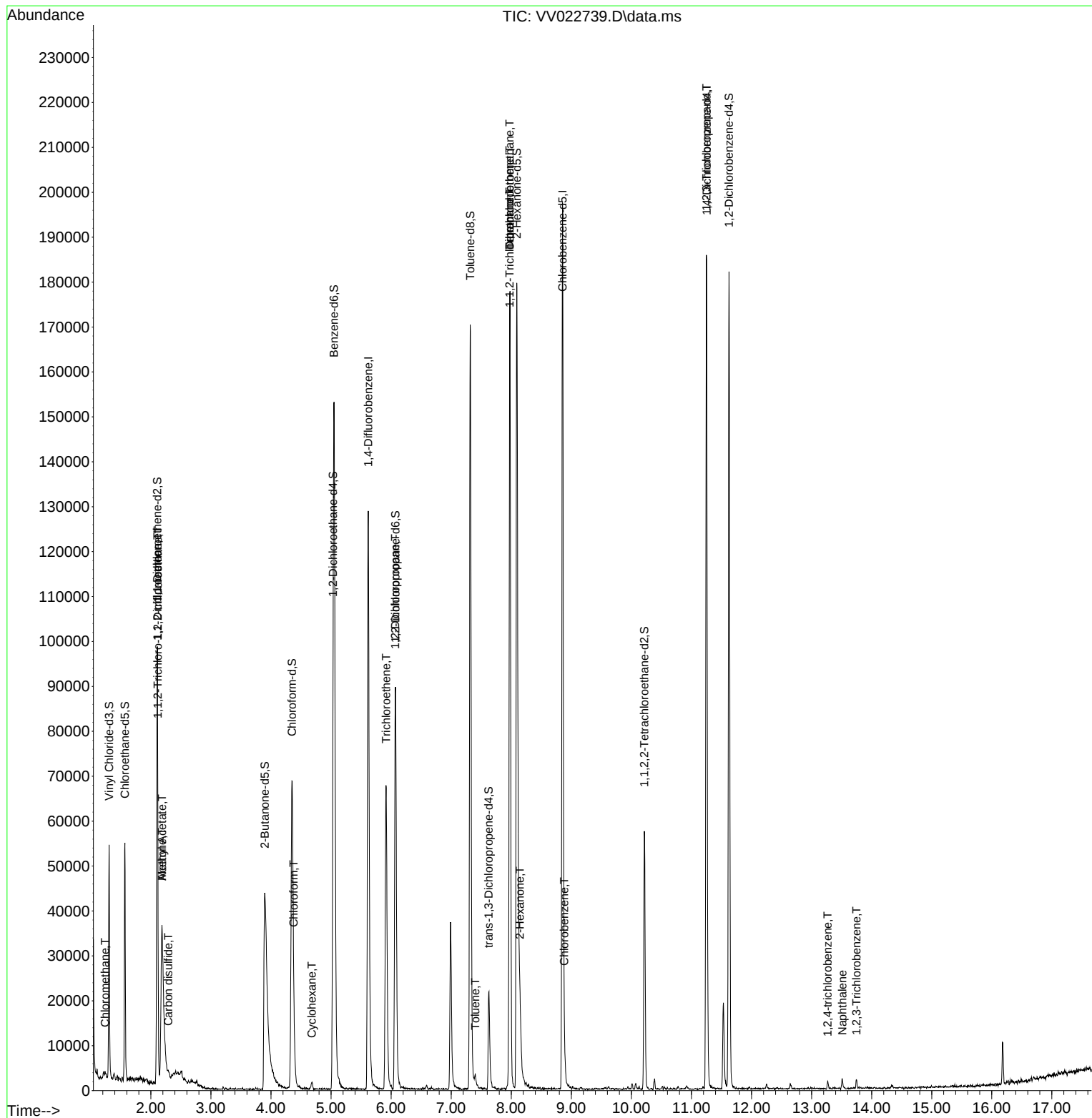
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	13.747	180	779	0.104	ug/L	97

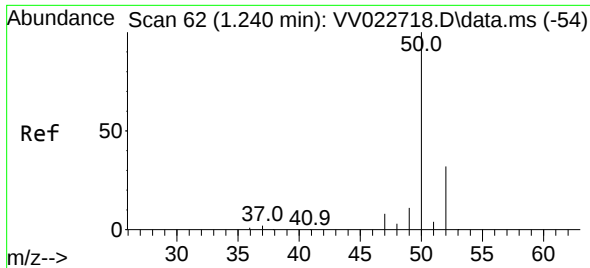
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101121\
Data File : VV022739.D
Acq On : 11 Oct 2021 19:04
Operator : SY/MD
Sample : M4109-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampled :

Quant Time: Oct 12 03:43:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 12 03:20:38 2021
Response via : Initial Calibration

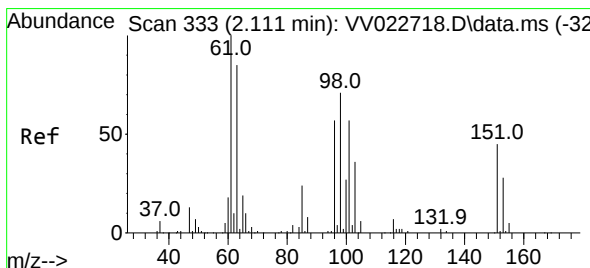
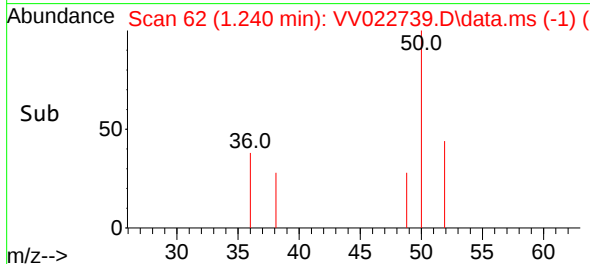
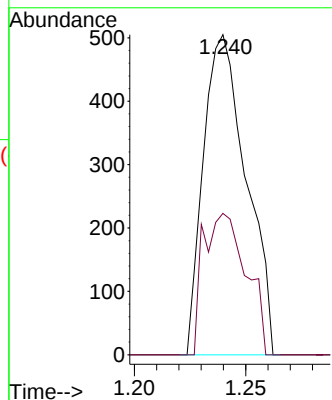
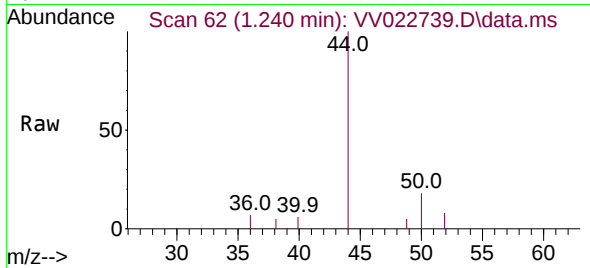




#3
Chloromethane
Concen: 0.081 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV022739.D
Acq: 11 Oct 2021 19:04

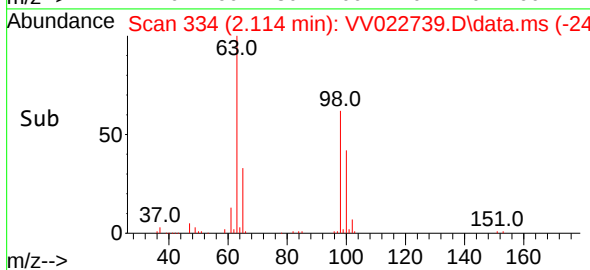
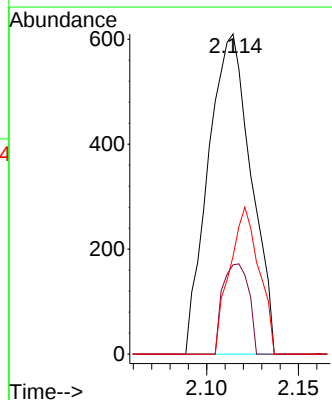
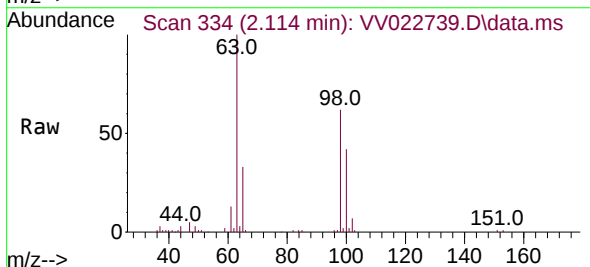
Instrument :
MSVOA_V
ClientSampled :

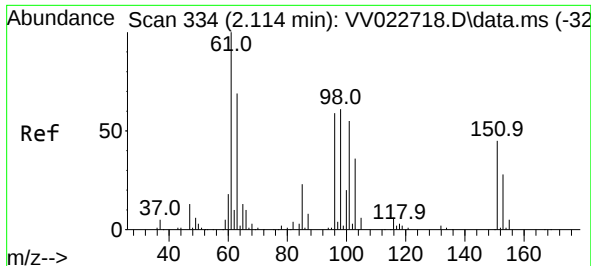
Tgt Ion: 50 Resp: 676
Ion Ratio Lower Upper
50 100
52 44.2 22.9 42.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.134 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV022739.D
Acq: 11 Oct 2021 19:04

Tgt Ion: 101 Resp: 988
Ion Ratio Lower Upper
101 100
85 17.1 34.6 52.0#
151 31.5 60.9 91.3#





#12

1,1-Dichloroethene

Concen: 0.078 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

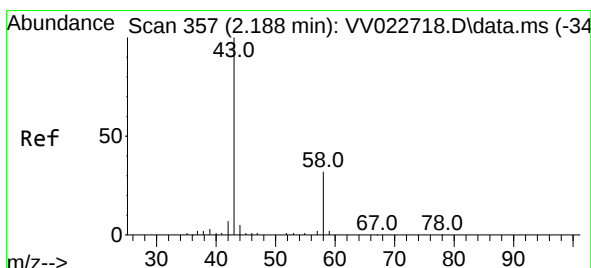
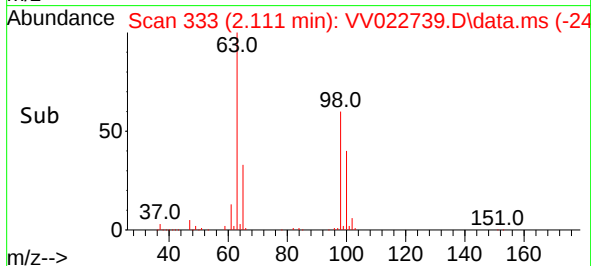
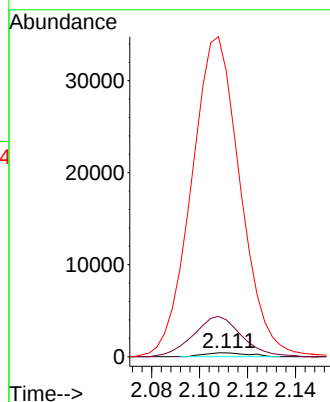
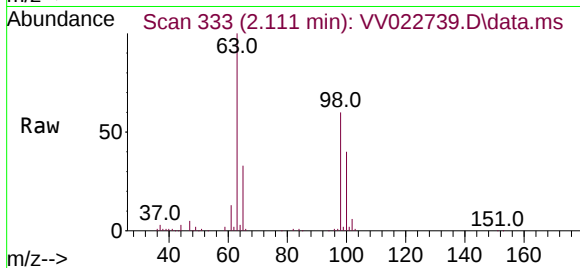
Lab File: VV022739.D

Acq: 11 Oct 2021 19:04

Tgt Ion: 96 Resp: 541

Ion	Ratio	Lower	Upper
96	100		
61	955.4	127.3	236.5#
63	7410.0	106.2	197.2#

Instrument :
MSVOA_V
ClientSampled :



#13

Acetone

Concen: 66.380 ug/L

RT: 2.185 min Scan# 356

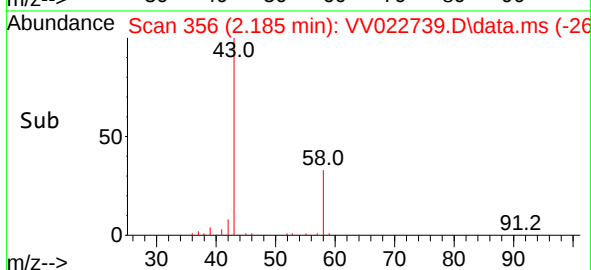
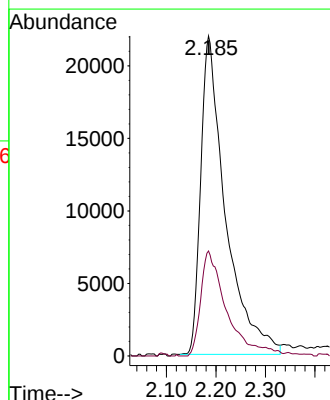
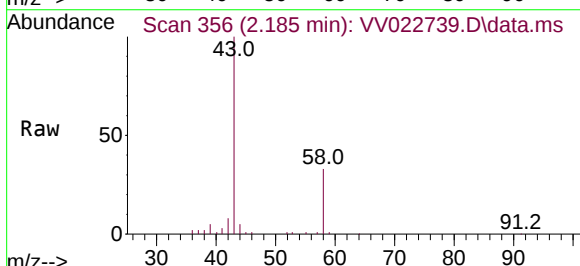
Delta R.T. -0.003 min

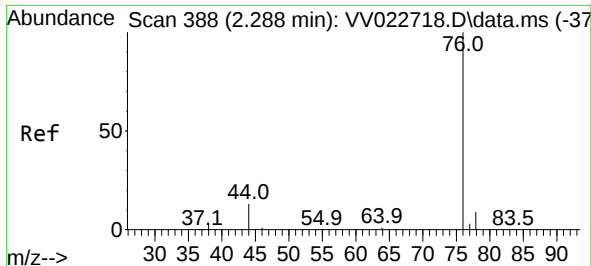
Lab File: VV022739.D

Acq: 11 Oct 2021 19:04

Tgt Ion: 43 Resp: 76226

Ion	Ratio	Lower	Upper
43	100		
58	34.4	0.0	24.2#

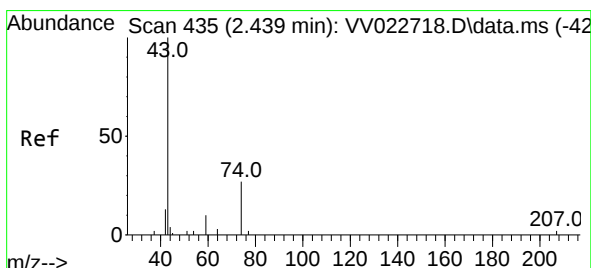
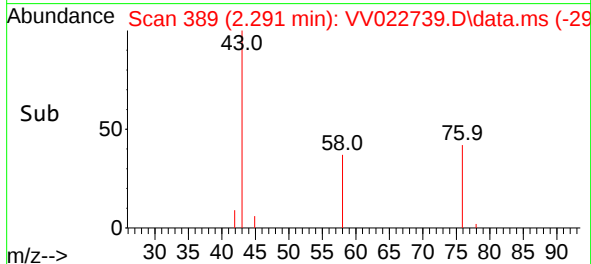
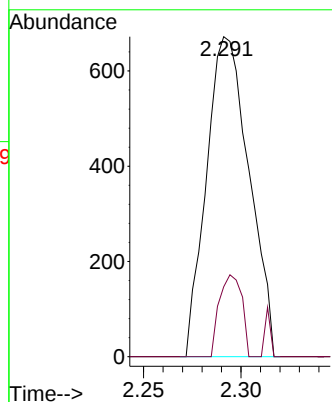
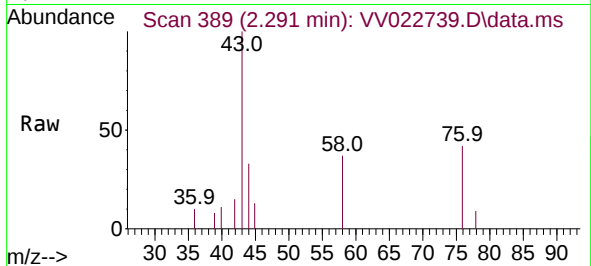




#14
Carbon disulfide
Concen: 0.053 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV022739.D
Acq: 11 Oct 2021 19:04

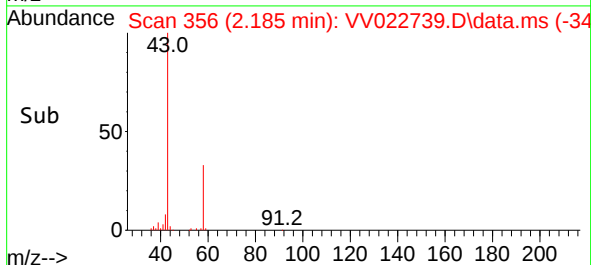
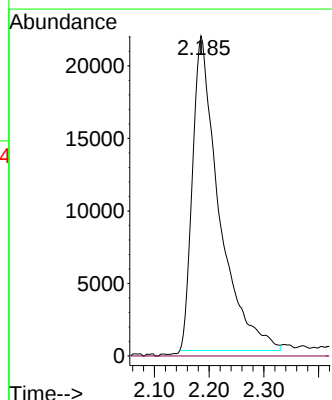
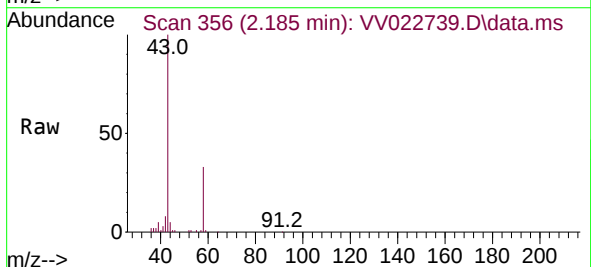
Instrument :
MSVOA_V
ClientSampleId :

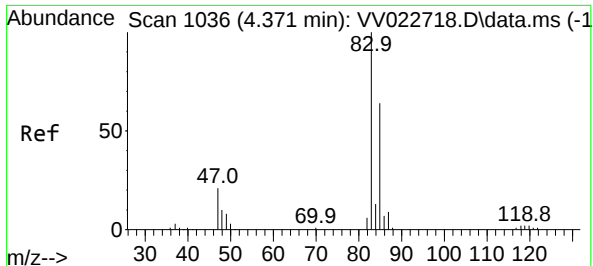
Tgt Ion: 76 Resp: 1023
Ion Ratio Lower Upper
76 100
78 21.9 7.4 11.0#



#15
Methyl Acetate
Concen: 22.297 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.254 min
Lab File: VV022739.D
Acq: 11 Oct 2021 19:04

Tgt Ion: 43 Resp: 73262
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#





#25

Chloroform

Concen: 0.515 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.007 min

Lab File: VV022739.D

Acq: 11 Oct 2021 19:04

Tgt Ion: 83 Resp: 8057

Ion Ratio Lower Upper

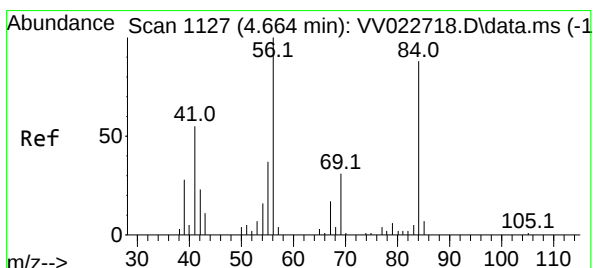
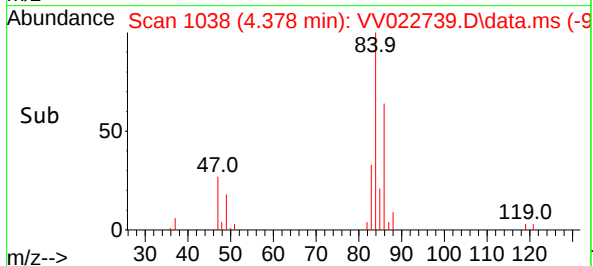
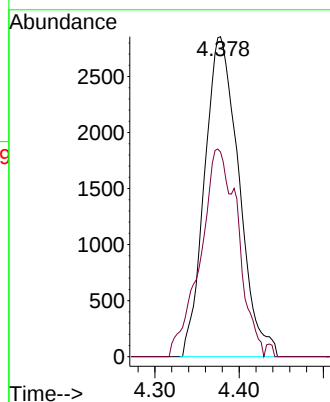
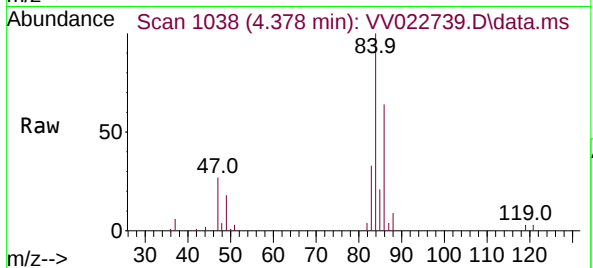
83 100

85 64.0 45.7 84.9

Instrument :

MSVOA_V

ClientSampled :



#30

Cyclohexane

Concen: 0.072 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VV022739.D

Acq: 11 Oct 2021 19:04

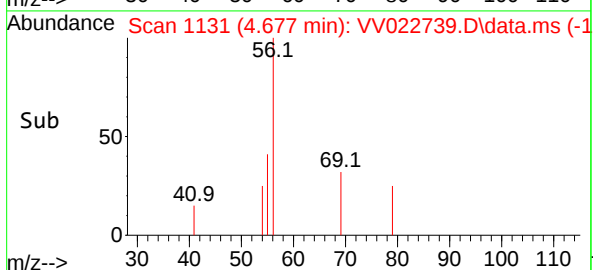
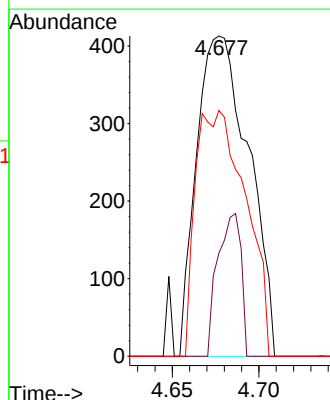
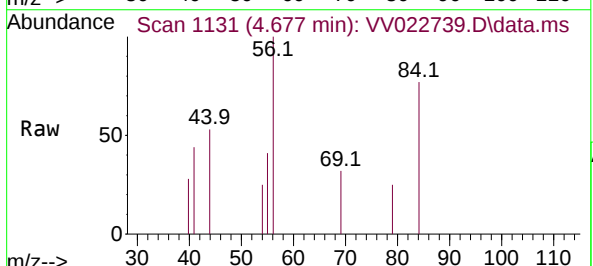
Tgt Ion: 56 Resp: 863

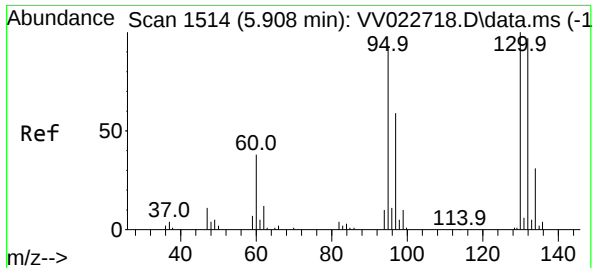
Ion Ratio Lower Upper

56 100

69 19.8 24.9 37.3#

84 73.8 72.5 108.7

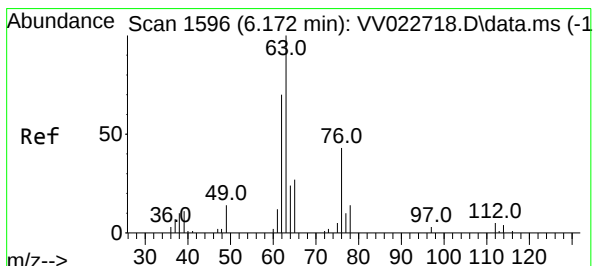
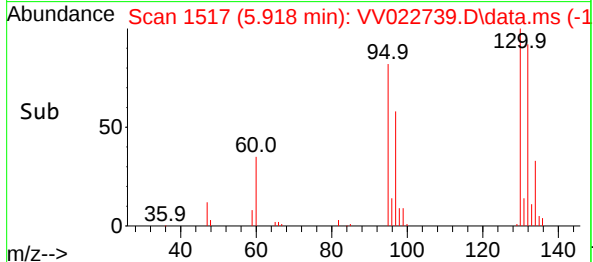
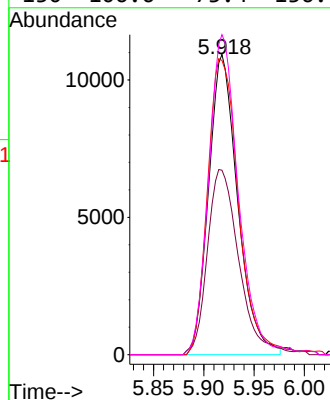
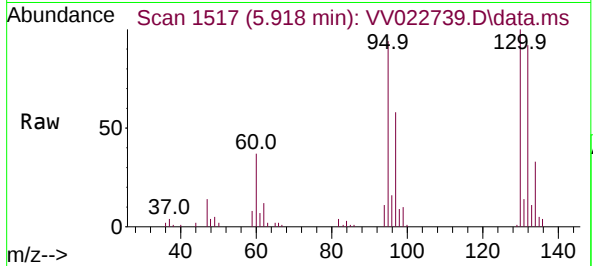




#34
Trichloroethene
Concen: 2.653 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV022739.D
Acq: 11 Oct 2021 19:04

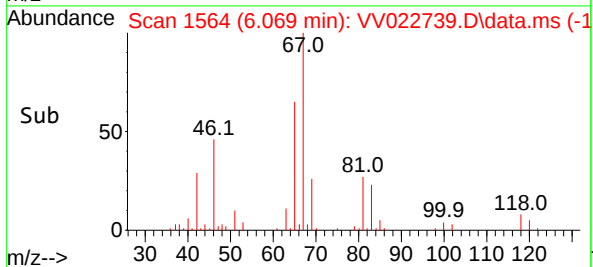
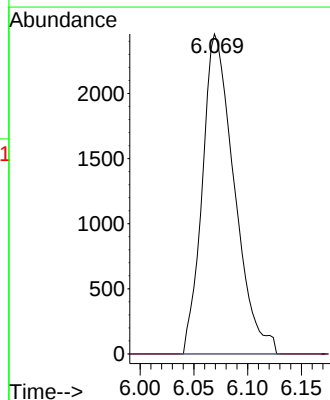
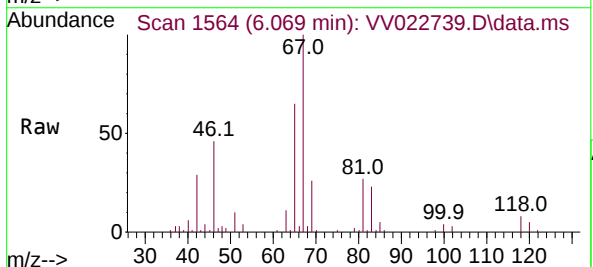
Instrument :
MSVOA_V
ClientSampled :

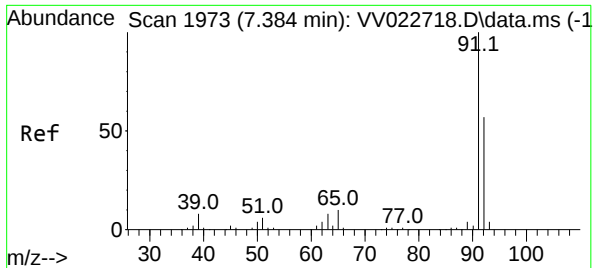
Tgt Ion: 95 Resp: 21951
Ion Ratio Lower Upper
95 100
97 61.5 45.8 85.2
132 98.0 72.2 134.0
130 106.6 73.4 136.4



#37
1,2-Dichloropropane
Concen: 0.692 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.103 min
Lab File: VV022739.D
Acq: 11 Oct 2021 19:04

Tgt Ion: 63 Resp: 5067
Ion Ratio Lower Upper
63 100
112 0.0 4.4 6.6#

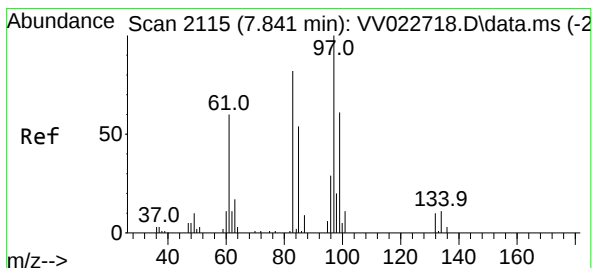
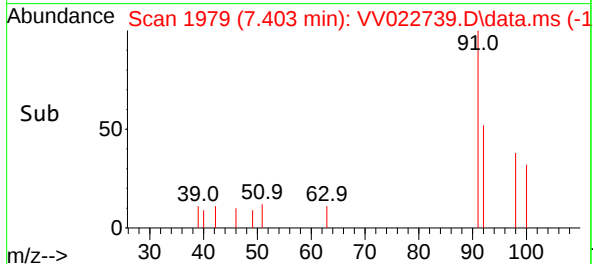
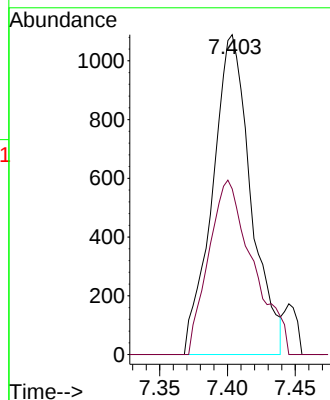
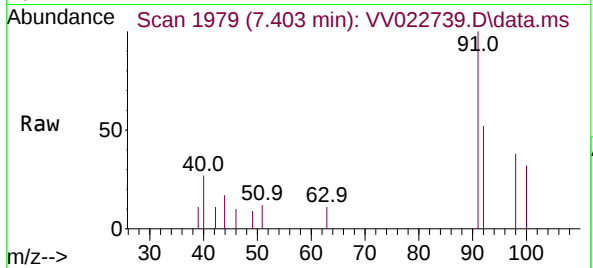




#42
Toluene
Concen: 0.070 ug/L
RT: 7.403 min Scan# 1979
Delta R.T. 0.019 min
Lab File: VV022739.D
Acq: 11 Oct 2021 19:04

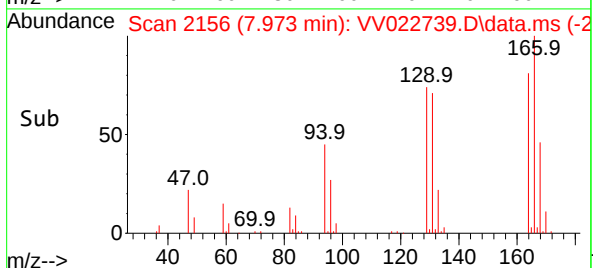
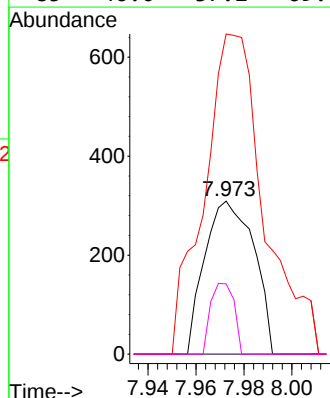
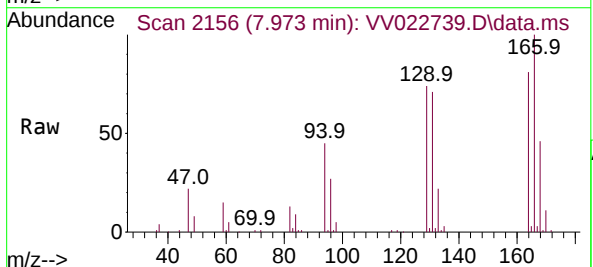
Instrument :
MSVOA_V
ClientSampled :

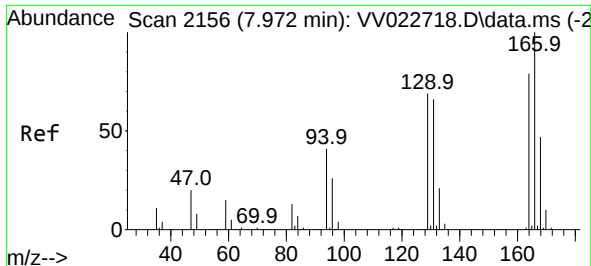
Tgt Ion: 91 Resp: 2153
Ion Ratio Lower Upper
91 100
92 51.8 40.7 75.7



#45
1,1,2-Trichloroethane
Concen: 0.081 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.132 min
Lab File: VV022739.D
Acq: 11 Oct 2021 19:04

Tgt Ion: 97 Resp: 440
Ion Ratio Lower Upper
97 100
99 0.0 44.5 82.7#
83 209.4 56.6 105.0#
85 46.0 37.2 69.0

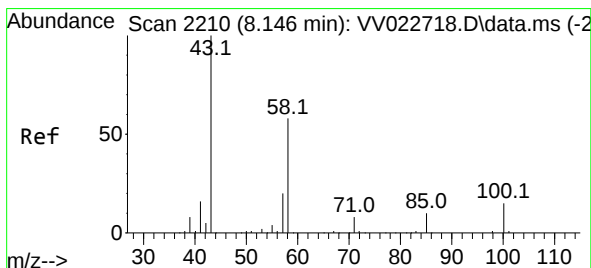
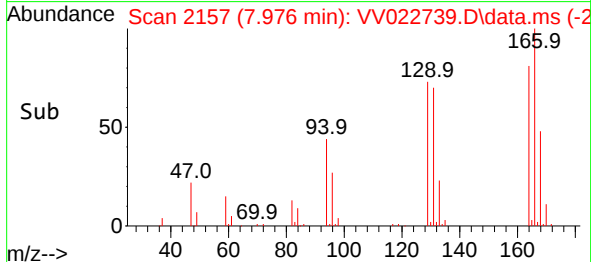
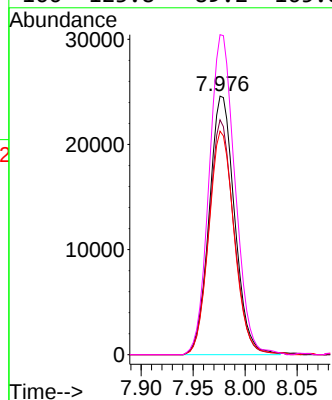
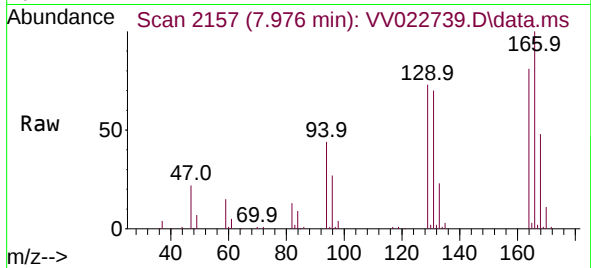




#47
Tetrachloroethene
Concen: 6.272 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV022739.D
Acq: 11 Oct 2021 19:04

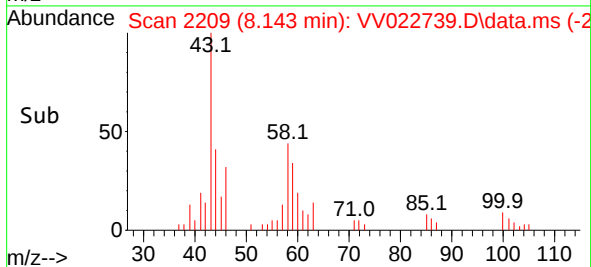
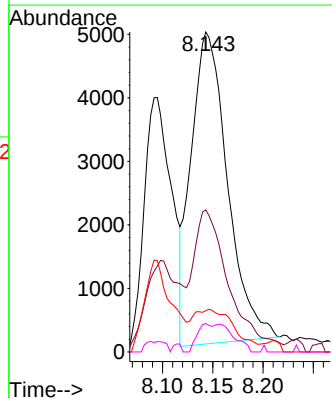
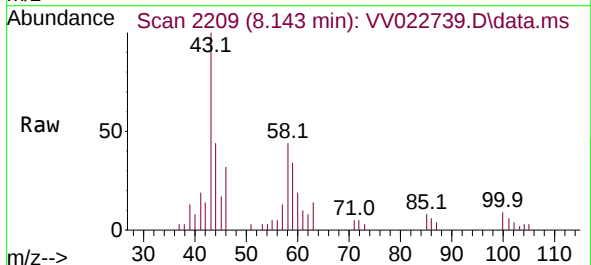
Instrument :
MSVOA_V
ClientSampleId :

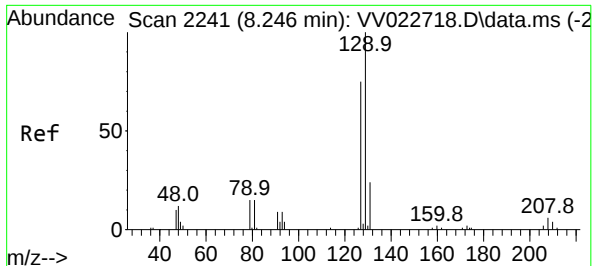
Tgt Ion:164 Resp: 41970
Ion Ratio Lower Upper
164 100
129 90.9 65.0 120.6
131 86.4 62.2 115.4
166 123.8 89.2 165.8



#48
2-Hexanone
Concen: 4.302 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.003 min
Lab File: VV022739.D
Acq: 11 Oct 2021 19:04

Tgt Ion: 43 Resp: 12367
Ion Ratio Lower Upper
43 100
58 44.6 47.4 71.0#
57 15.9 15.3 22.9
100 3.8 10.4 15.6#





#49

Dibromochloromethane

Concen: 5.770 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV022739.D

Acq: 11 Oct 2021 19:04

Tgt Ion:129 Resp: 36678

Ion Ratio Lower Upper

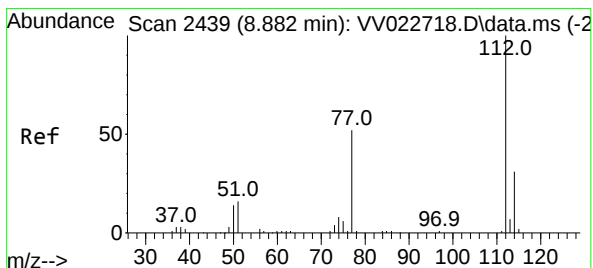
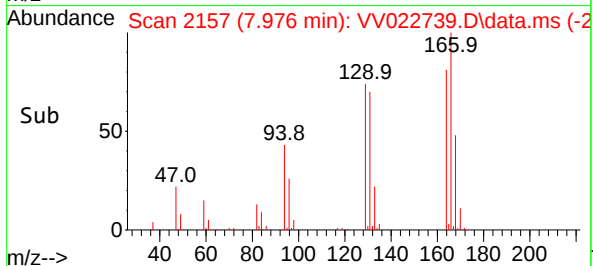
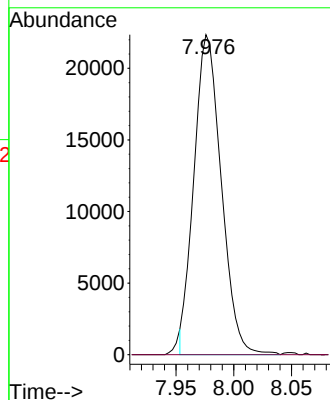
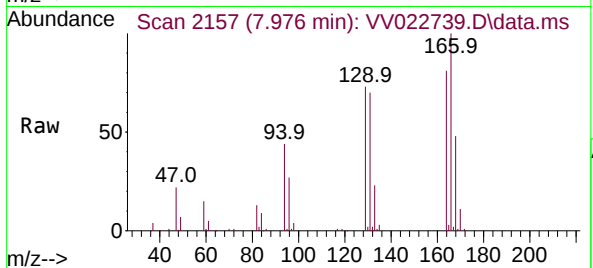
129 100

127 0.0 59.1 109.9#

Instrument :

MSVOA_V

ClientSampled :



#51

Chlorobenzene

Concen: 0.107 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.000 min

Lab File: VV022739.D

Acq: 11 Oct 2021 19:04

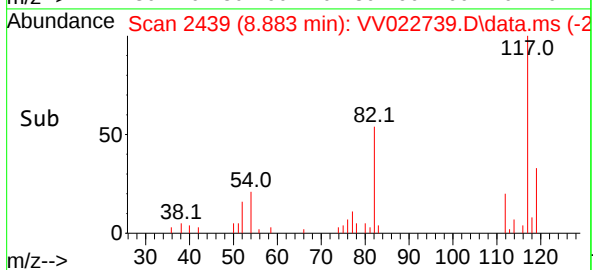
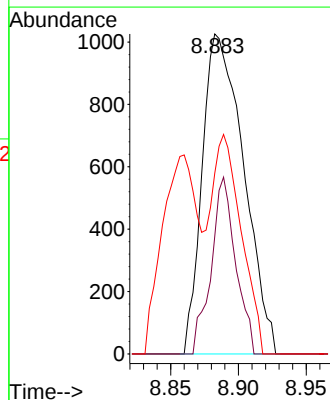
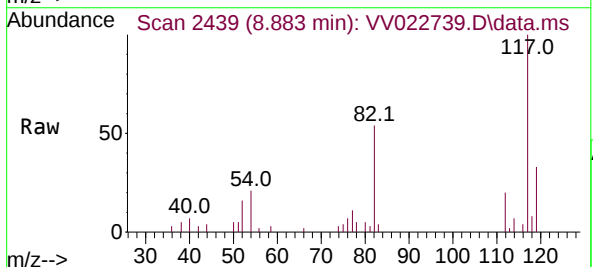
Tgt Ion:112 Resp: 2177

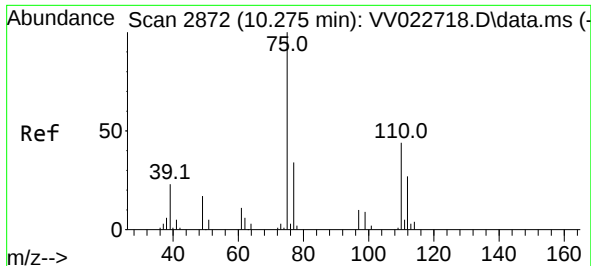
Ion Ratio Lower Upper

112 100

114 36.7 21.6 40.2

77 56.4 43.7 65.5

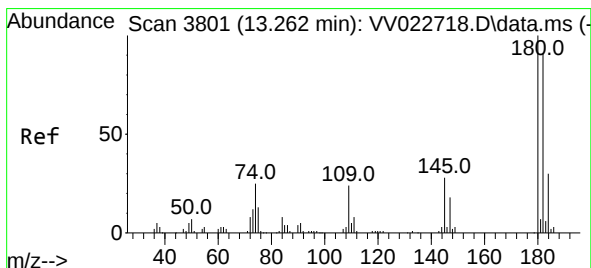
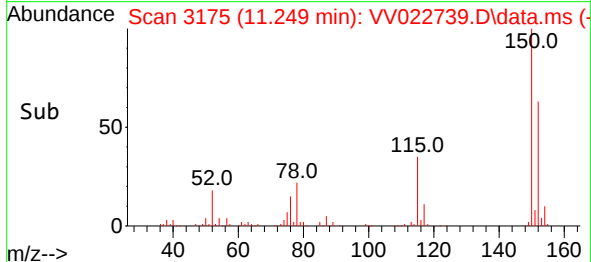
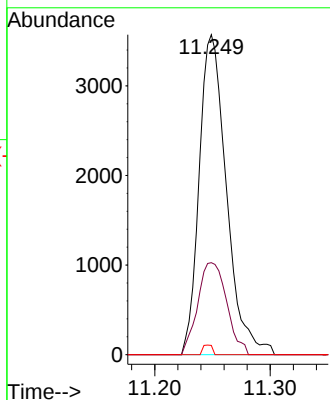
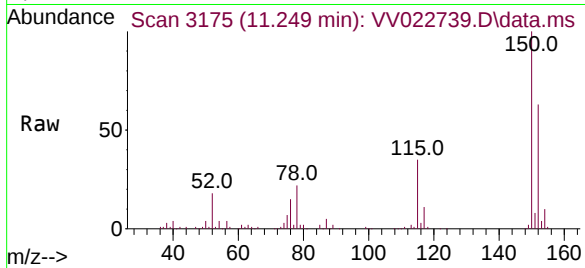




#61
1,2,3-Trichloropropane
Concen: 1.620 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022739.D
Acq: 11 Oct 2021 19:04

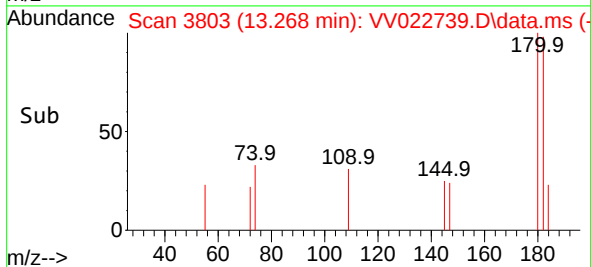
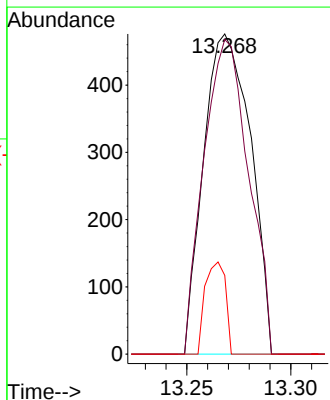
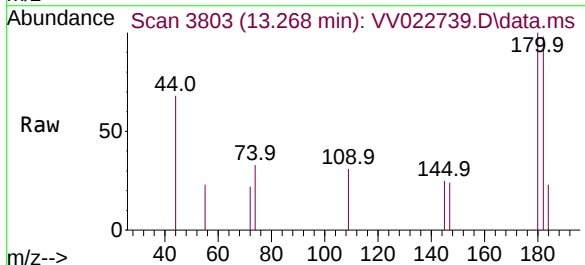
Instrument :
MSVOA_V
ClientSampled :

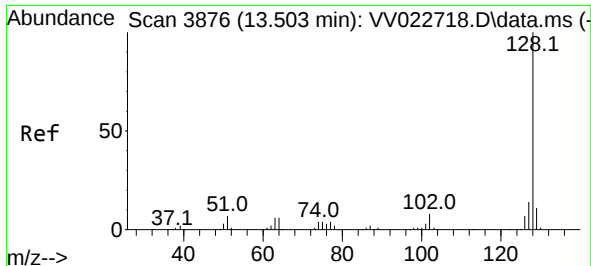
Tgt Ion: 75 Resp: 5850
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.2
110 1.0 34.2 51.4#



#70
1,2,4-trichlorobenzene
Concen: 0.094 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.007 min
Lab File: VV022739.D
Acq: 11 Oct 2021 19:04

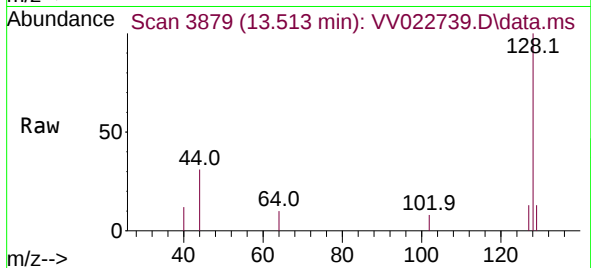
Tgt Ion:180 Resp: 750
Ion Ratio Lower Upper
180 100
182 93.6 76.0 114.0
145 12.4 24.1 36.1#



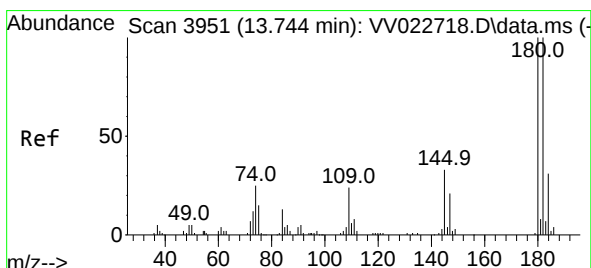
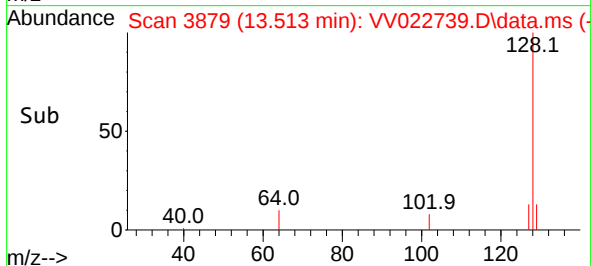
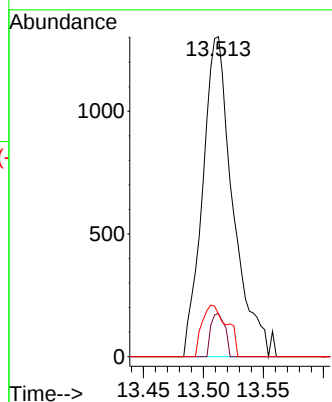


#71
Naphthalene
Concen: 0.182 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV022739.D
Acq: 11 Oct 2021 19:04

Instrument :
MSVOA_V
ClientSampled :



Tgt Ion:128 Resp: 2301
Ion Ratio Lower Upper
128 100
129 6.2 9.3 13.9#
127 13.1 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 0.104 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV022739.D
Acq: 11 Oct 2021 19:04

Tgt Ion:180 Resp: 779
Ion Ratio Lower Upper
180 100
182 92.8 75.5 113.3
145 28.0 24.7 37.1

