

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025430.D
 Acq On : 08 Apr 2022 23:25
 Operator : SY/MD
 Sample : N2219-12
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2J0

Quant Time: Apr 09 06:28:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 06:16:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	126703	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	122890	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65174	5.533	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.600%
7) Chloroethane-d5	1.571	69	57839	4.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.111	63	98784	4.186	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	3.896	46	74466	51.969	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.940%
24) Chloroform-d	4.352	84	88401	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.037	65	42045	5.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
32) Benzene-d6	5.050	84	180384	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.072	67	52014	5.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.317	98	156283	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.625	79	14526	4.358	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.088	63	60140	51.411	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.820%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33342	5.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	54045	5.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	720	0.063	ug/L #	85
9) Trichlorofluoromethane	1.757	101	991	0.050	ug/L	97
12) 1,1-Dichloroethene	2.114	96	1288	0.117	ug/L #	1
17) Methyl tert-butyl Ether	2.780	73	1223	0.072	ug/L	95
25) Chloroform	4.384	83	19454	1.182	ug/L	92
27) 1,2-Dichloroethane	5.047	62	942	0.108	ug/L #	71
31) Carbon tetrachloride	4.831	117	38468	3.138	ug/L	98
34) Trichloroethene	5.921	95	14086	1.461	ug/L	94
35) Methylcyclohexane	6.072	83	13187	0.857	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	6028	0.718	ug/L #	85
38) Bromodichloromethane	6.526	83	1472	0.141	ug/L #	71
47) Tetrachloroethene	7.979	164	11537	1.529	ug/L	91
49) Dibromochloromethane	7.976	129	10958	1.775	ug/L #	11
53) m,p-Xylene	9.149	106	520	0.032	ug/L	99
61) 1,2,3-Trichloropropane	11.249	75	7105	1.969	ug/L #	61
68) 1,2-Dibromo-3-chloropr...	12.249	75	171	0.274	ug/L #	2

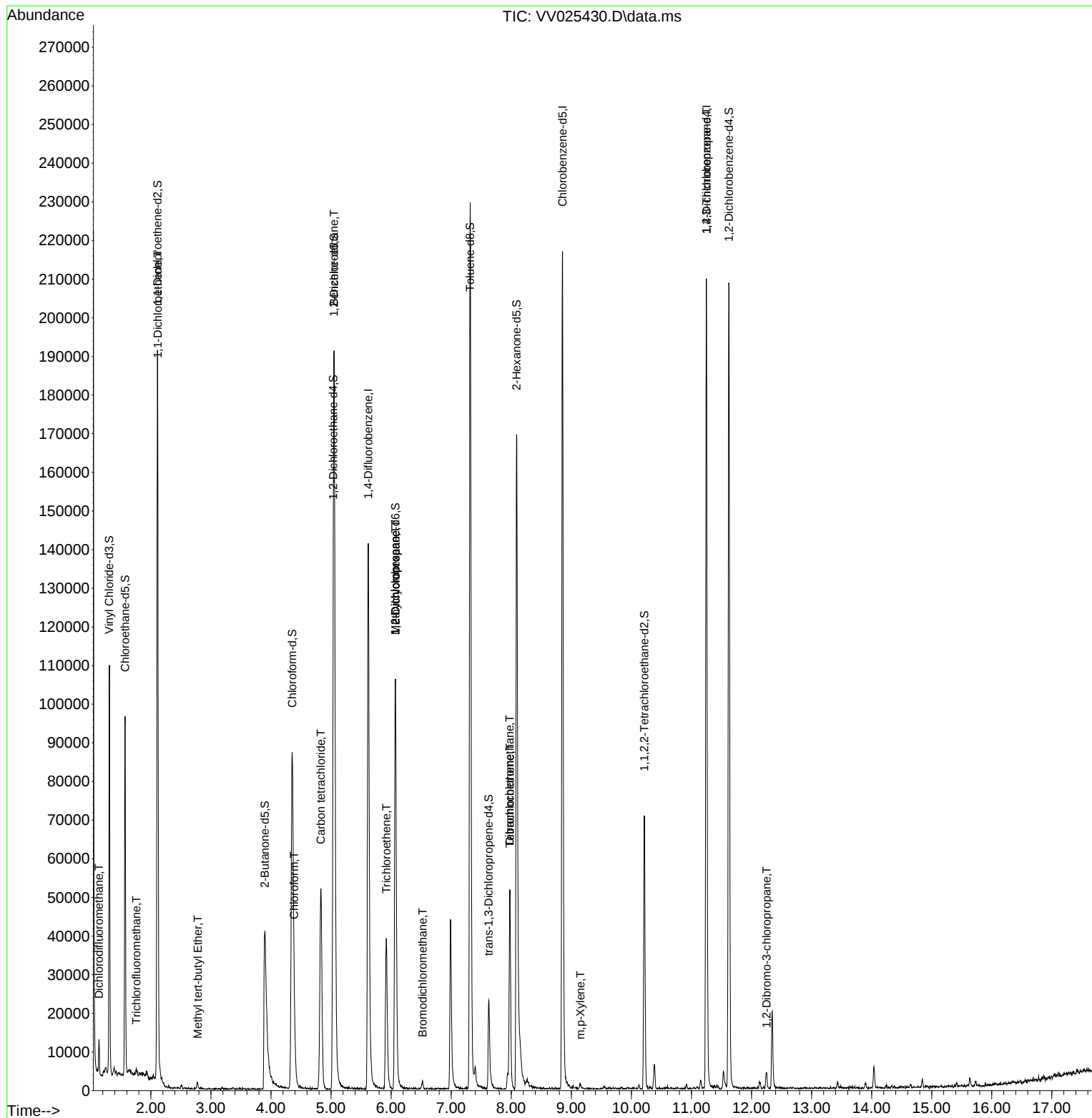
(#) = qualifier out of range (m) = manual integration (+) = signals summed

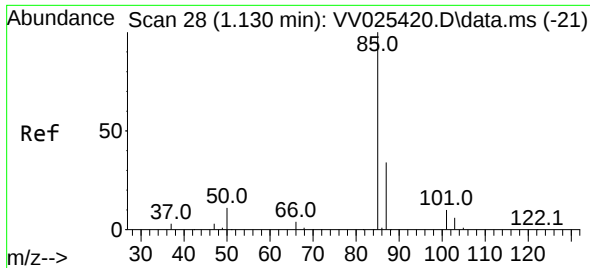
Instrument :
MSVOA_V
ClientSampleId :
YB2J0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040822\
Data File : VV025430.D
Acq On : 08 Apr 2022 23:25
Operator : SY/MD
Sample : N2219-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YB2J0

Quant Time: Apr 09 06:28:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Apr 09 06:16:16 2022
Response via : Initial Calibration

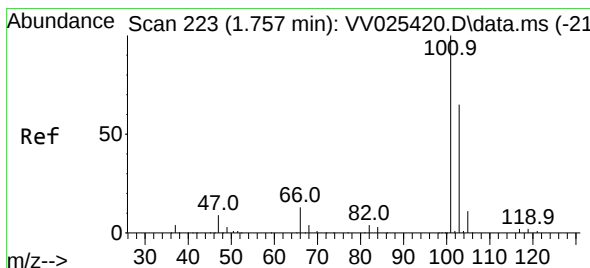
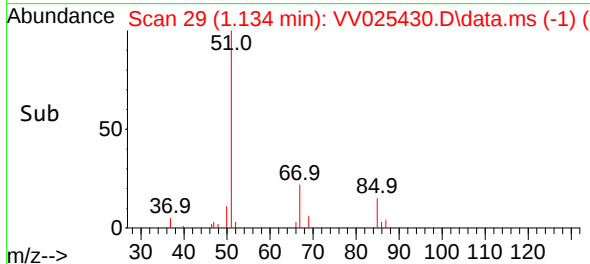
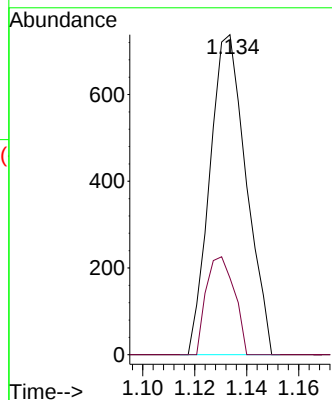
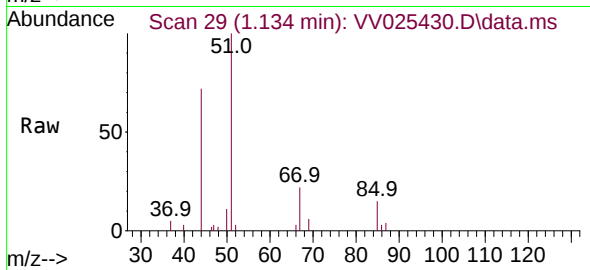




#2
 Dichlorodifluoromethane
 Concen: 0.063 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. 0.003 min
 Lab File: VV025430.D
 Acq: 08 Apr 2022 23:25

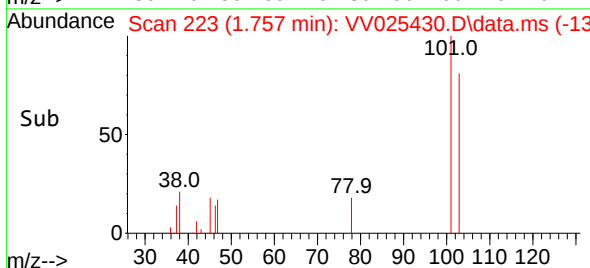
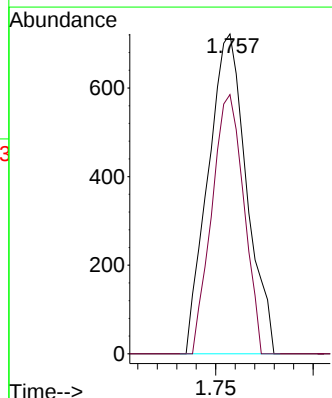
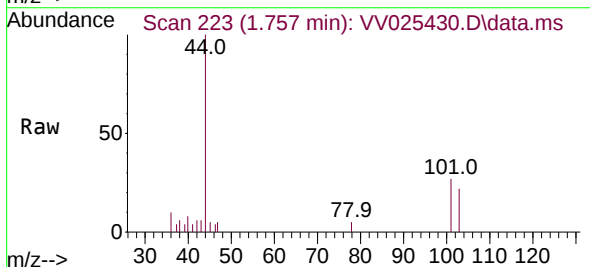
Instrument :
 MSVOA_V
 ClientSampleId :
 YB2J0

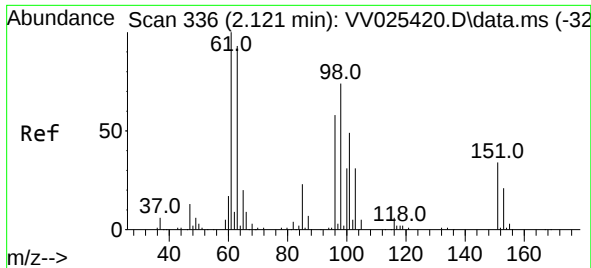
Tgt Ion: 85 Resp: 720
 Ion Ratio Lower Upper
 85 100
 87 23.6 25.6 38.4#



#9
 Trichlorofluoromethane
 Concen: 0.050 ug/L
 RT: 1.757 min Scan# 223
 Delta R.T. -0.000 min
 Lab File: VV025430.D
 Acq: 08 Apr 2022 23:25

Tgt Ion: 101 Resp: 991
 Ion Ratio Lower Upper
 101 100
 103 67.3 51.9 77.9





#12

1,1-Dichloroethene

Concen: 0.117 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV025430.D

Acq: 08 Apr 2022 23:25

Instrument :

MSVOA_V

ClientSampleId :

YB2J0

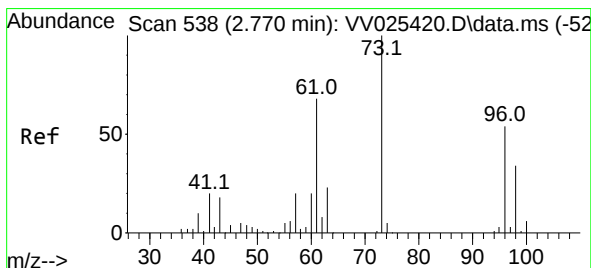
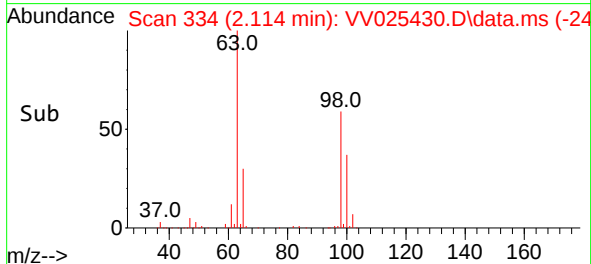
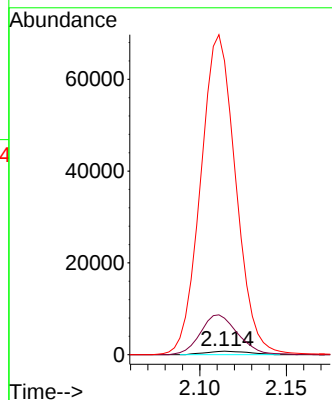
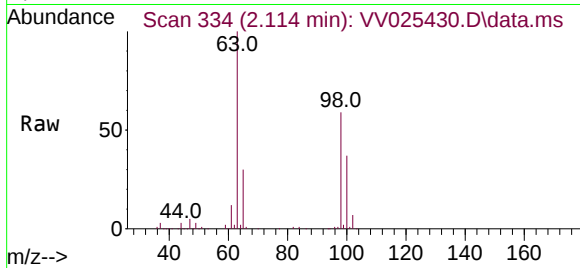
Tgt Ion: 96 Resp: 1288

Ion Ratio Lower Upper

96 100

61 1057.4 125.2 232.4#

63 8499.3 114.4 212.4#



#17

Methyl tert-butyl Ether

Concen: 0.072 ug/L

RT: 2.780 min Scan# 541

Delta R.T. 0.010 min

Lab File: VV025430.D

Acq: 08 Apr 2022 23:25

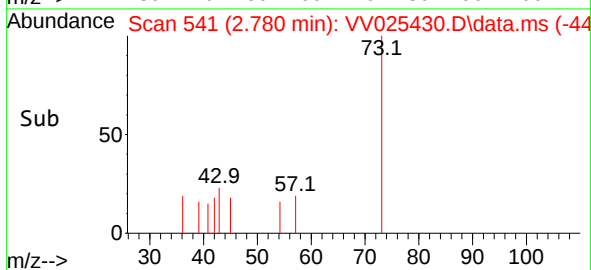
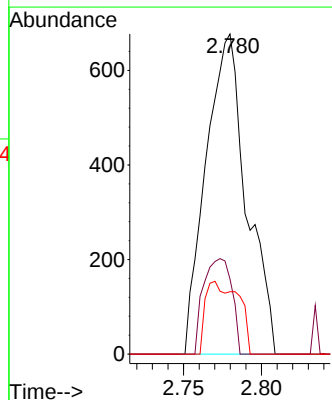
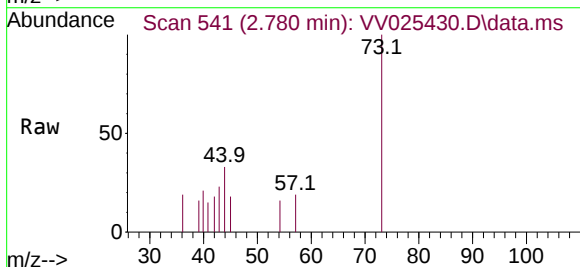
Tgt Ion: 73 Resp: 1223

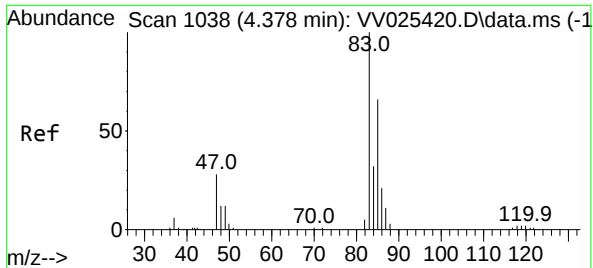
Ion Ratio Lower Upper

73 100

43 20.9 14.2 21.4

57 18.5 16.1 24.1

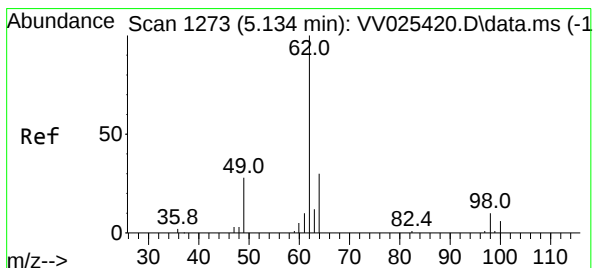
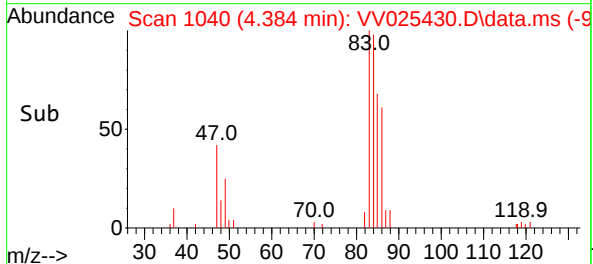
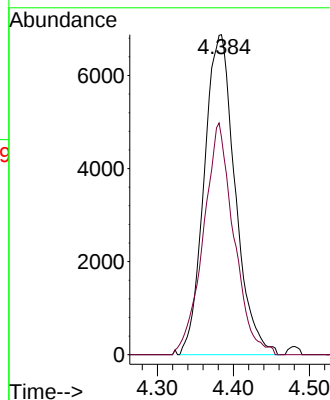
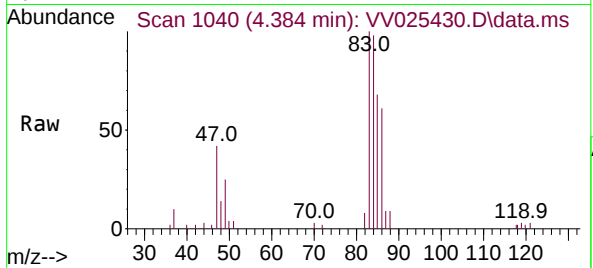




#25
Chloroform
Concen: 1.182 ug/L
RT: 4.384 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV025430.D
Acq: 08 Apr 2022 23:25

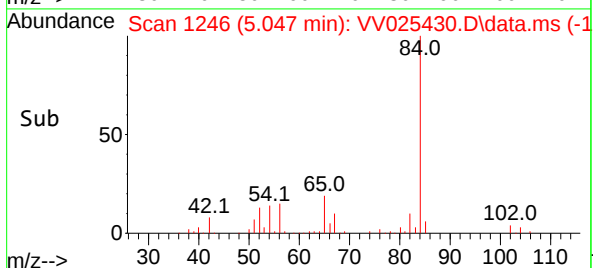
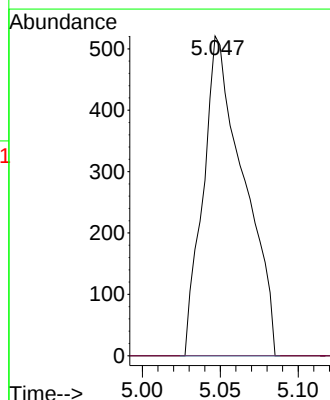
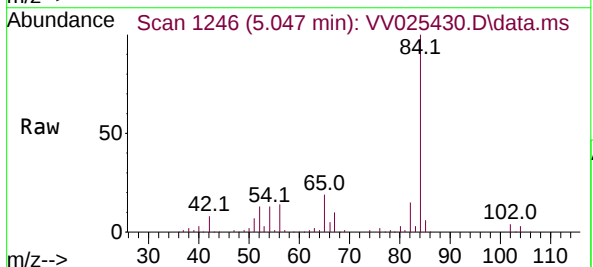
Instrument :
MSVOA_V
ClientSampleId :
YB2J0

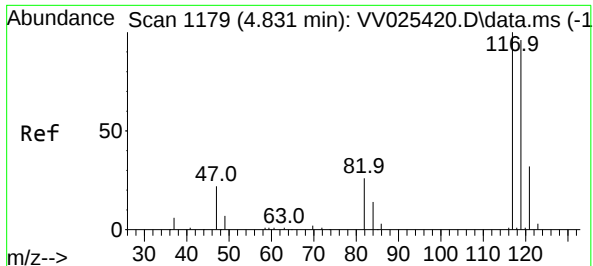
Tgt Ion: 83 Resp: 19454
Ion Ratio Lower Upper
83 100
85 67.9 43.5 80.7



#27
1,2-Dichloroethane
Concen: 0.108 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. -0.087 min
Lab File: VV025430.D
Acq: 08 Apr 2022 23:25

Tgt Ion: 62 Resp: 942
Ion Ratio Lower Upper
62 100
98 0.0 8.8 13.2#

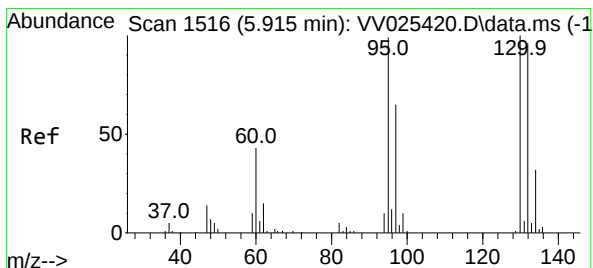
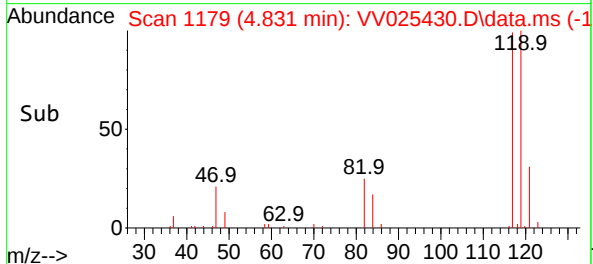
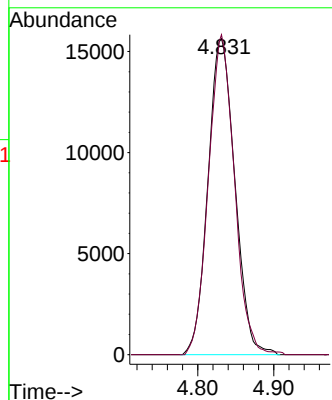
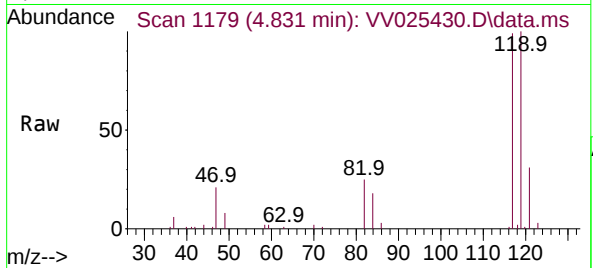




#31
Carbon tetrachloride
Concen: 3.138 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV025430.D
Acq: 08 Apr 2022 23:25

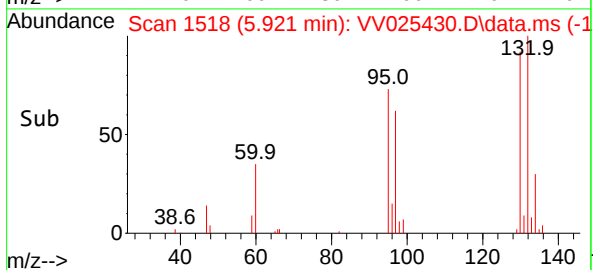
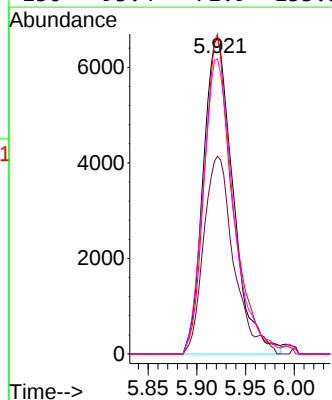
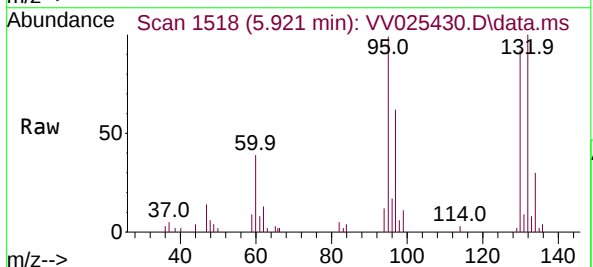
Instrument :
MSVOA_V
ClientSampleId :
YB2J0

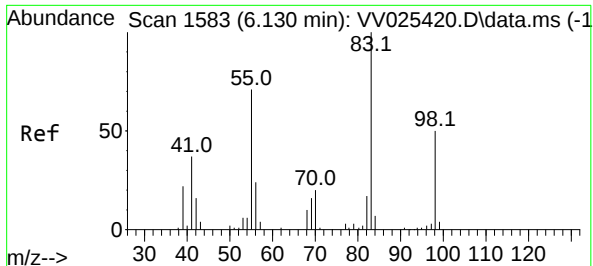
Tgt Ion: 117 Resp: 38468
Ion Ratio Lower Upper
117 100
119 97.5 76.6 114.8



#34
Trichloroethene
Concen: 1.461 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV025430.D
Acq: 08 Apr 2022 23:25

Tgt Ion: 95 Resp: 14086
Ion Ratio Lower Upper
95 100
97 62.5 45.8 85.2
132 101.2 68.0 126.4
130 93.4 71.9 133.5





#35

Methylcyclohexane

Concen: 0.857 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV025430.D

Acq: 08 Apr 2022 23:25

Instrument :

MSVOA_V

ClientSampleId :

YB2J0

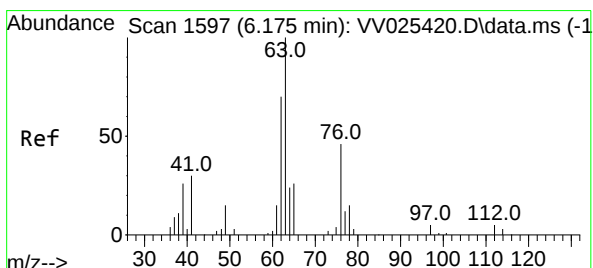
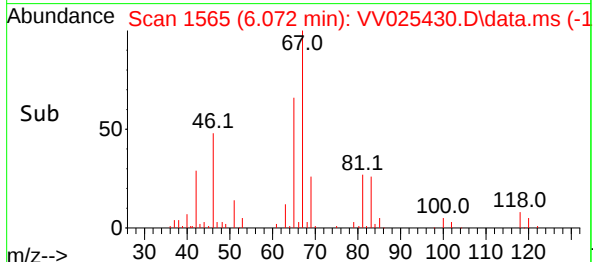
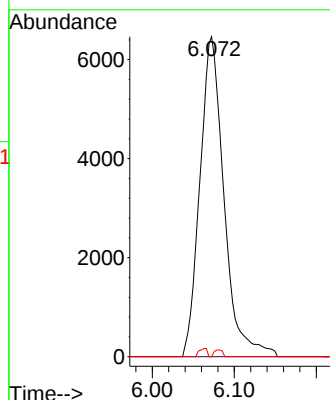
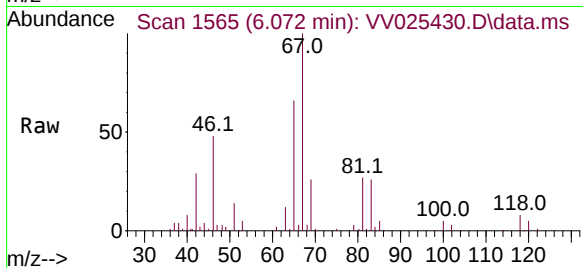
Tgt Ion: 83 Resp: 13187

Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 0.8 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.718 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV025430.D

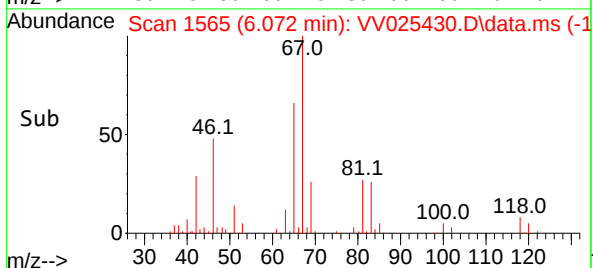
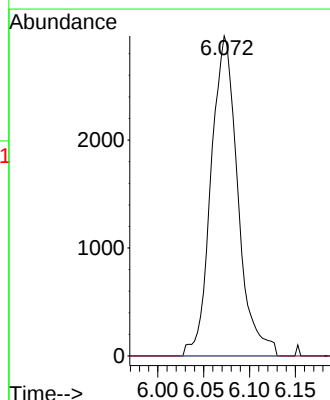
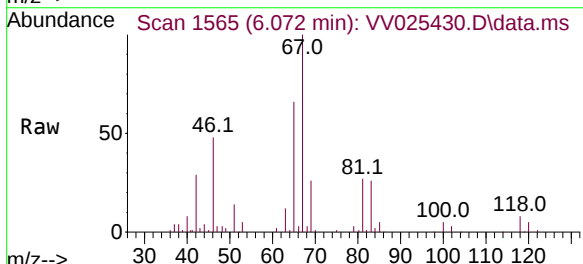
Acq: 08 Apr 2022 23:25

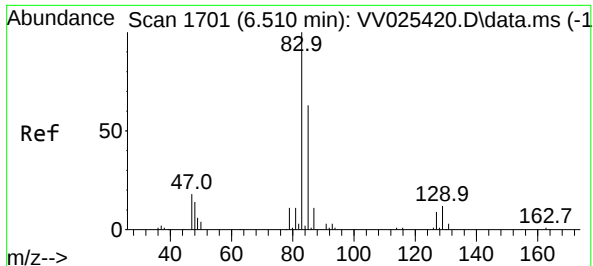
Tgt Ion: 63 Resp: 6028

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#38

Bromodichloromethane

Concen: 0.141 ug/L

RT: 6.526 min Scan# 11

Delta R.T. 0.016 min

Lab File: VV025430.D

Acq: 08 Apr 2022 23:25

Instrument :

MSVOA_V

ClientSampleId :

YB2J0

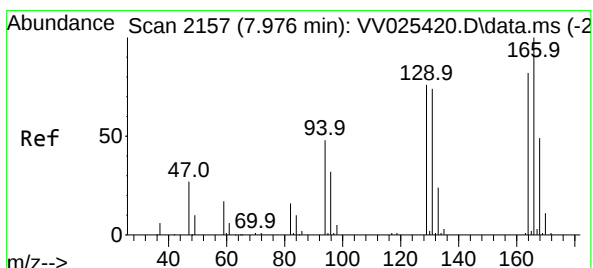
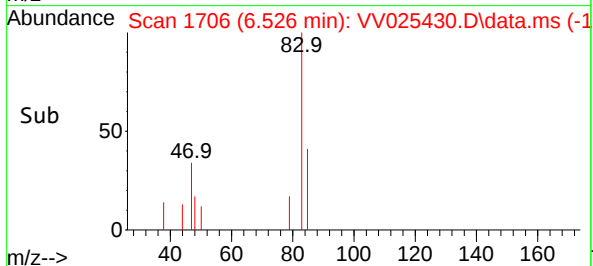
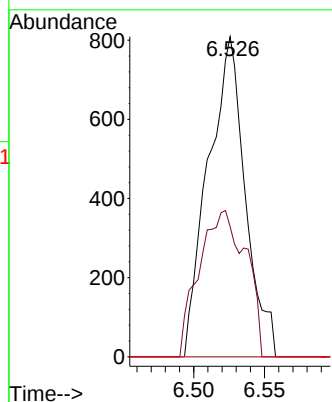
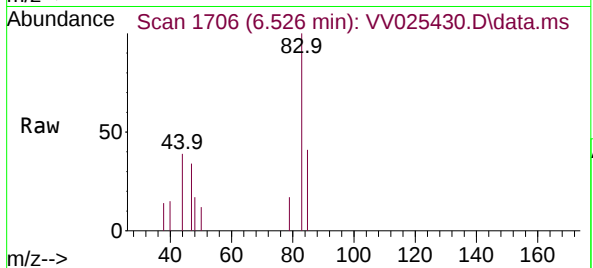
Tgt Ion: 83 Resp: 1472

Ion Ratio Lower Upper

83 100

85 40.7 44.4 82.4#

127 0.0 7.2 10.8#



#47

Tetrachloroethene

Concen: 1.529 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV025430.D

Acq: 08 Apr 2022 23:25

Tgt Ion: 164 Resp: 11537

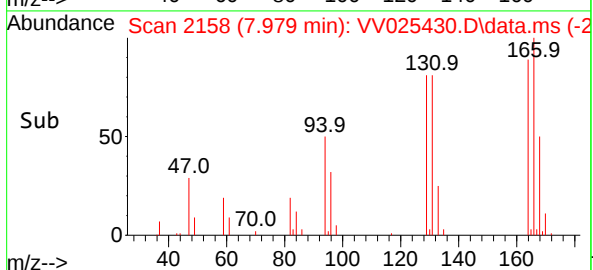
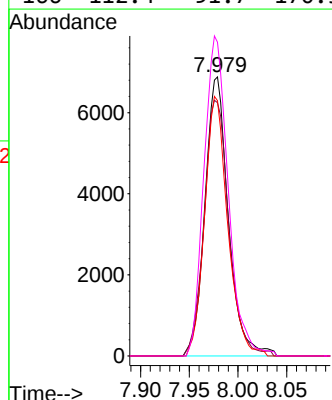
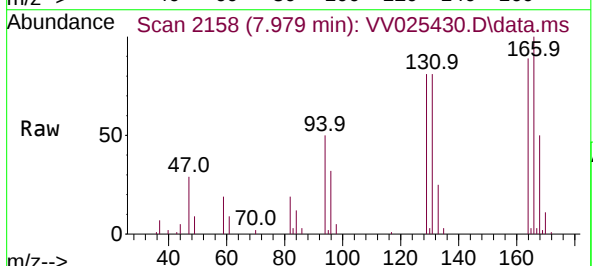
Ion Ratio Lower Upper

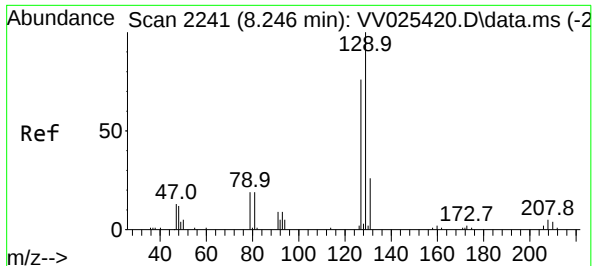
164 100

129 90.8 66.8 124.2

131 91.5 66.4 123.4

166 112.4 91.7 170.3





#49

Dibromochloromethane

Concen: 1.775 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV025430.D

Acq: 08 Apr 2022 23:25

Instrument :

MSVOA_V

ClientSampleId :

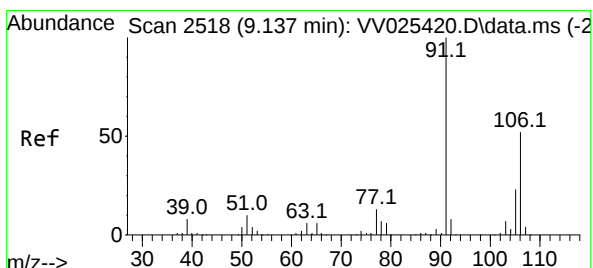
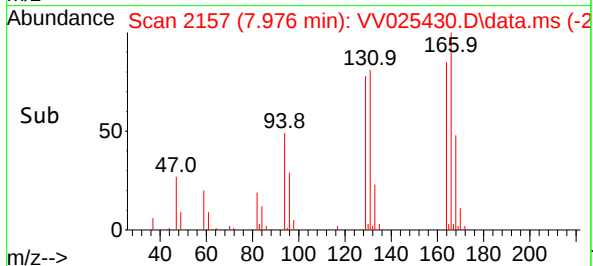
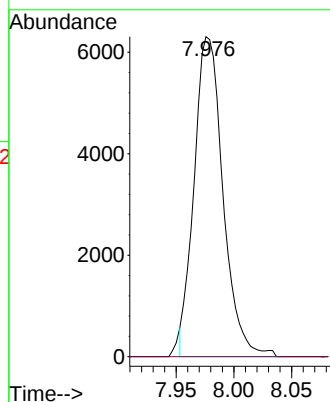
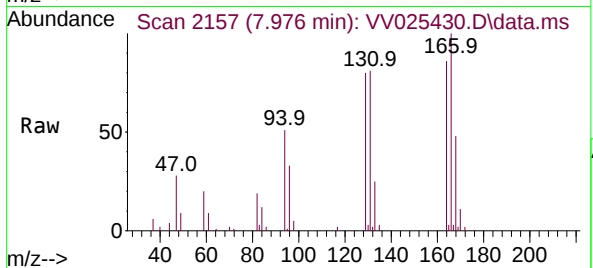
YB2J0

Tgt Ion:129 Resp: 10958

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#53

m,p-Xylene

Concen: 0.032 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.013 min

Lab File: VV025430.D

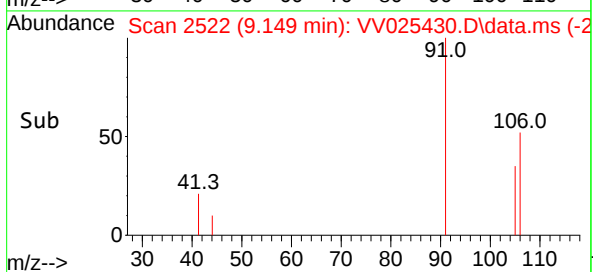
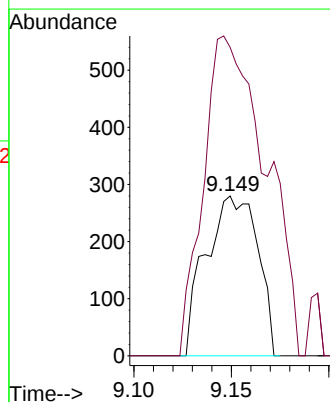
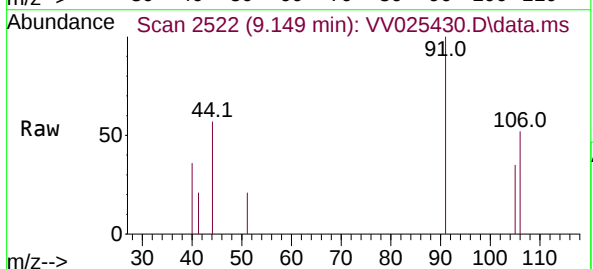
Acq: 08 Apr 2022 23:25

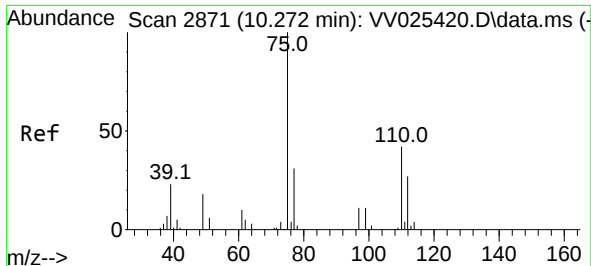
Tgt Ion:106 Resp: 520

Ion Ratio Lower Upper

106 100

91 192.9 136.4 253.4

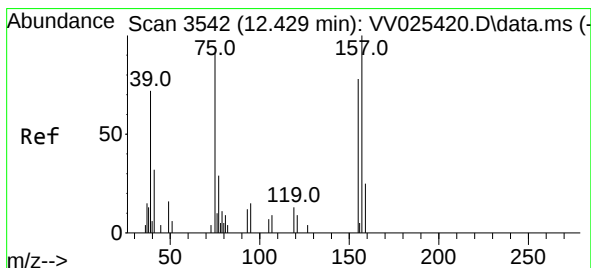
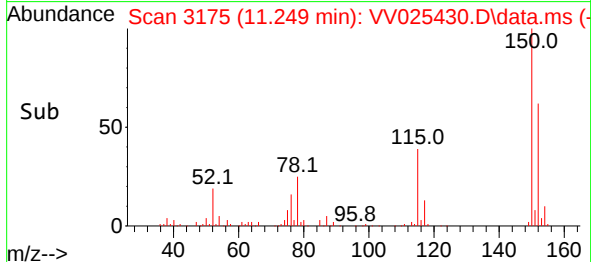
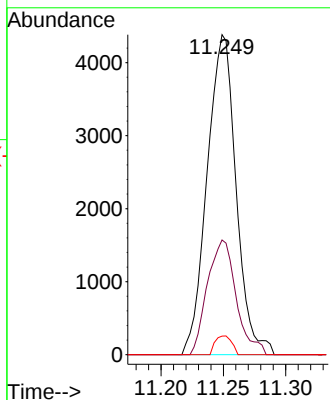
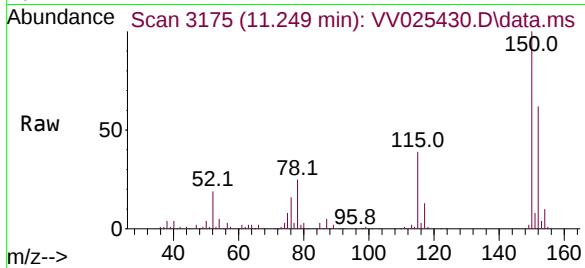




#61
1,2,3-Trichloropropane
Concen: 1.969 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV025430.D
Acq: 08 Apr 2022 23:25

Instrument :
MSVOA_V
ClientSampleId :
YB2J0

Tgt Ion: 75 Resp: 7105
Ion Ratio Lower Upper
75 100
77 35.6 25.6 38.4
110 3.3 34.7 52.1#



#68
1,2-Dibromo-3-chloropropane
Concen: 0.274 ug/L
RT: 12.249 min Scan# 3486
Delta R.T. -0.180 min
Lab File: VV025430.D
Acq: 08 Apr 2022 23:25

Tgt Ion: 75 Resp: 171
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#

