

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102621\
 Data File : VW023042.D
 Acq On : 26 Oct 2021 16:51
 Operator : SY/MD
 Sample : M4277-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 27 01:34:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 27 01:29:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	135894	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	134157	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59239	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	51241	4.315	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.568	69	29812	4.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.105	63	54045	3.155	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.000%
20) 2-Butanone-d5	3.905	46	69850	36.669	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.340%
24) Chloroform-d	4.349	84	77281	4.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.034	65	43445	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.050	84	192855	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
36) 1,2-Dichloropropane-d6	6.072	67	59052	4.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.317	98	160683	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.625	79	19628	4.646	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.092	63	72551	46.386	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.780%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	38684	4.646	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	58051	5.492	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						Qvalue
8) Chloroethane	1.307	64	690	0.137	ug/L #	1
12) 1,1-Dichloroethene	2.105	96	483	0.069	ug/L #	1
13) Acetone	2.185	43	2268	2.427	ug/L	95
25) Chloroform	4.378	83	38381	2.128	ug/L	99
34) Trichloroethene	5.918	95	702	0.077	ug/L	91
35) Methylcyclohexane	6.072	83	14071	1.083	ug/L #	18
37) 1,2-Dichloropropane	6.076	63	6406	0.704	ug/L #	83
39) cis-1,3-Dichloropropene	6.998	75	1673	0.148	ug/L	93
42) Toluene	7.397	91	7557	0.207	ug/L	87
47) Tetrachloroethene	7.979	164	5634	0.735	ug/L	98
48) 2-Hexanone	8.146	43	6333	1.991	ug/L #	69
49) Dibromochloromethane	7.979	129	4766	0.629	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6015	1.443	ug/L #	66
70) 1,2,4-trichlorobenzene	13.265	180	588	0.065	ug/L	95
71) Naphthalene	13.509	128	1615	0.118	ug/L #	82
72) 1,2,3-Trichlorobenzene	13.750	180	650	0.078	ug/L #	88

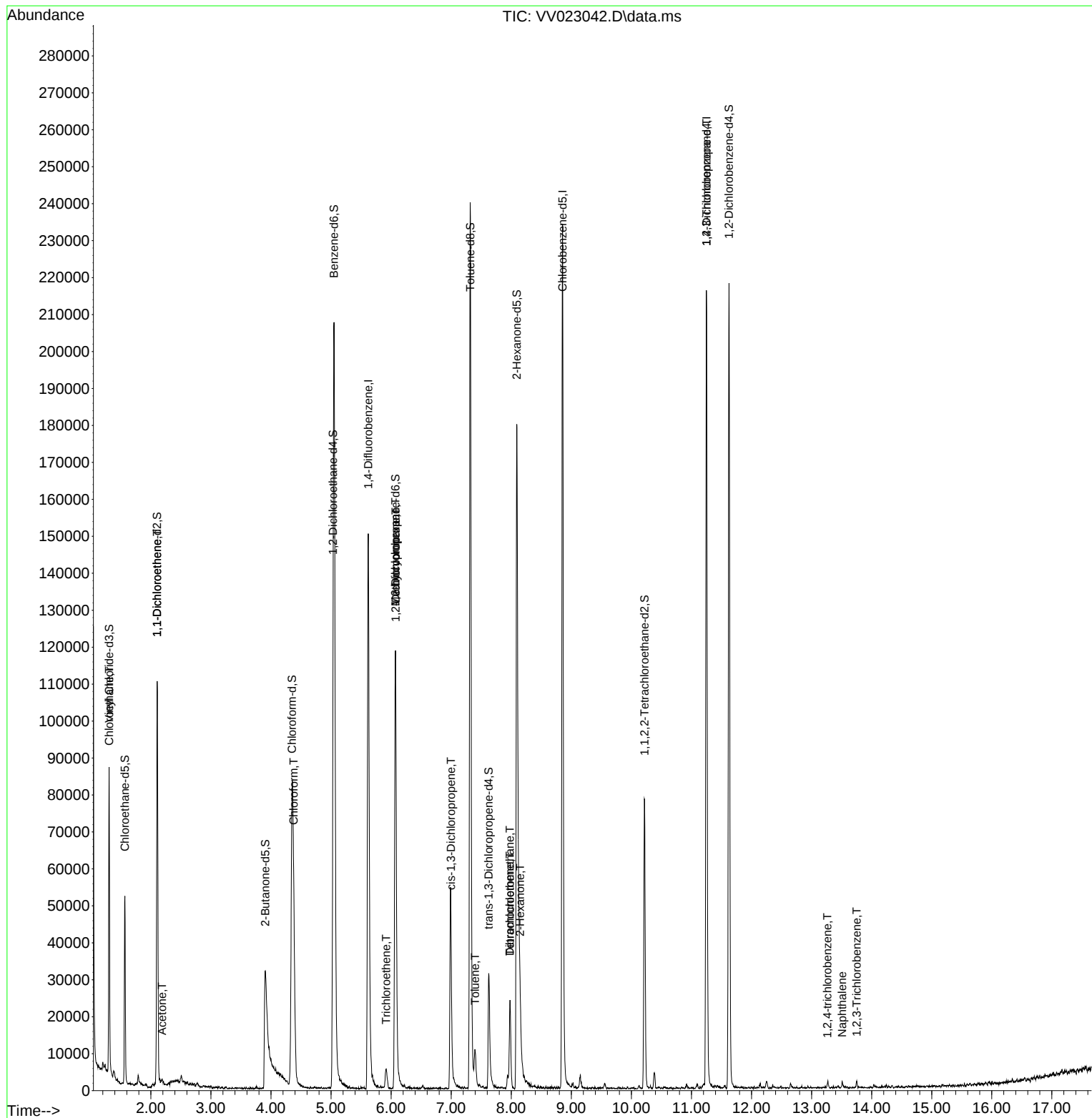
(#) = qualifier out of range (m) = manual integration (+) = signals summed

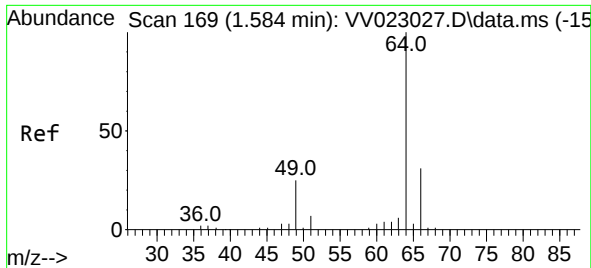
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102621\
Data File : VV023042.D
Acq On : 26 Oct 2021 16:51
Operator : SY/MD
Sample : M4277-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 27 01:34:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 27 01:29:33 2021
Response via : Initial Calibration

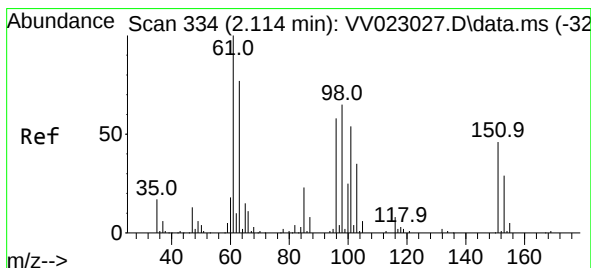
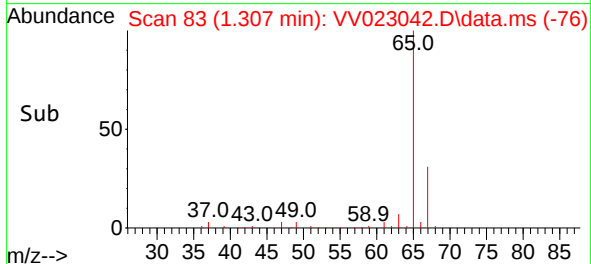
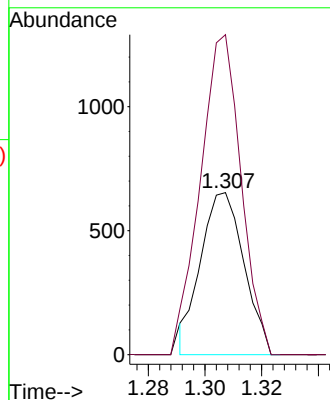
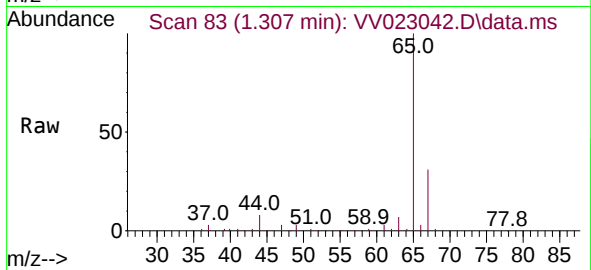




#8
Chloroethane
Concen: 0.137 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.277 min
Lab File: VV023042.D
Acq: 26 Oct 2021 16:51

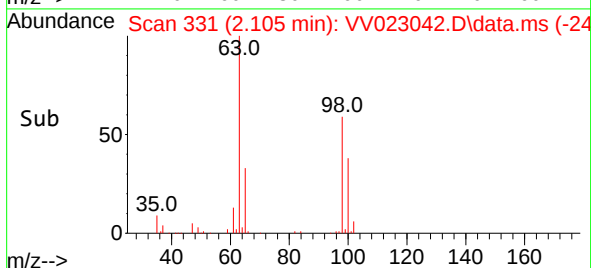
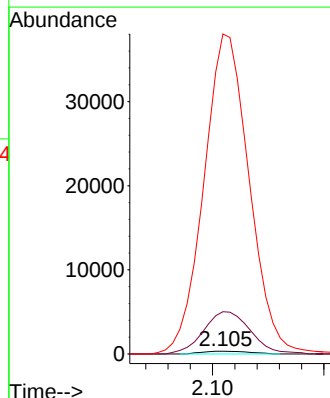
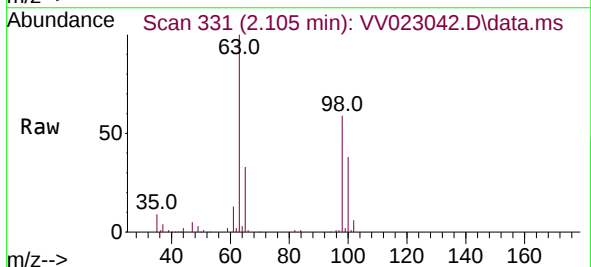
Instrument :
MSVOA_V
ClientSampleId :

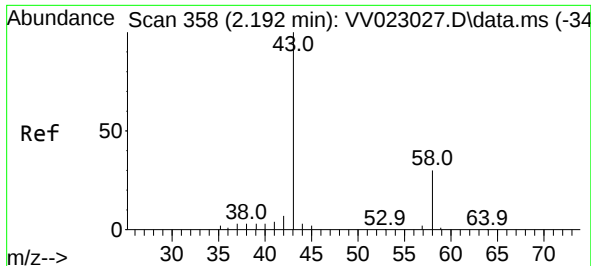
Tgt Ion: 64 Resp: 690
Ion Ratio Lower Upper
64 100
66 197.5 22.1 41.1#



#12
1,1-Dichloroethene
Concen: 0.069 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.010 min
Lab File: VV023042.D
Acq: 26 Oct 2021 16:51

Tgt Ion: 96 Resp: 483
Ion Ratio Lower Upper
96 100
61 1553.1 121.5 225.7#
63 11740.7 99.6 185.0#

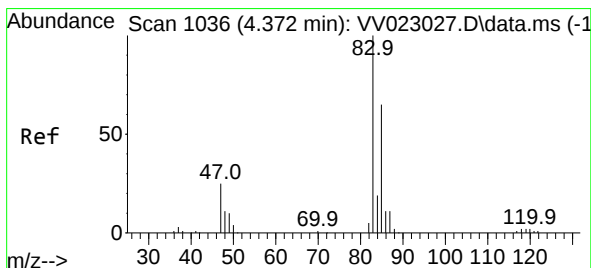
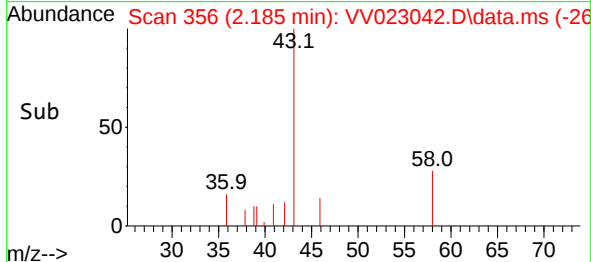
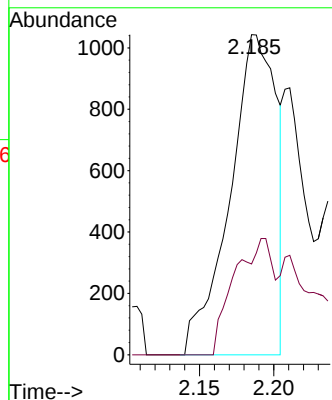
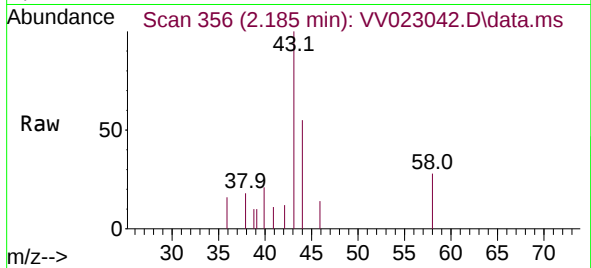




#13
Acetone
Concen: 2.427 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.007 min
Lab File: VV023042.D
Acq: 26 Oct 2021 16:51

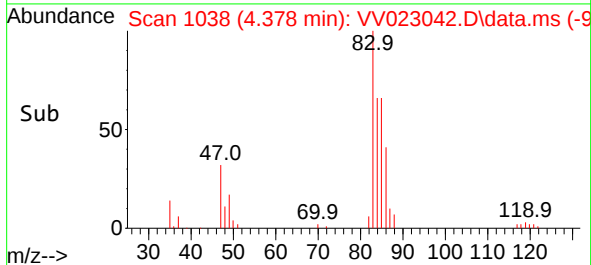
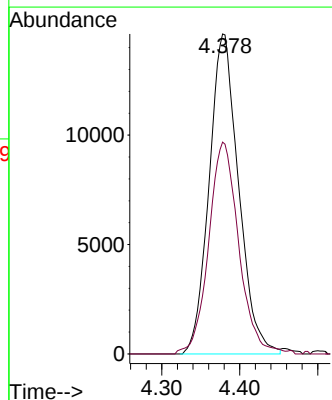
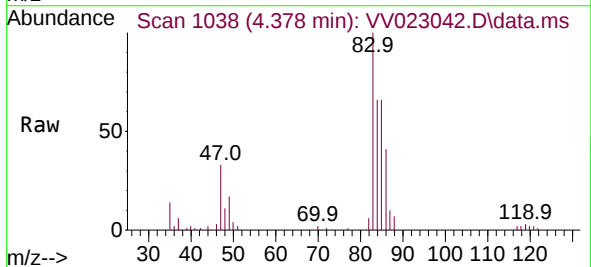
Instrument :
MSVOA_V
ClientSampleId :

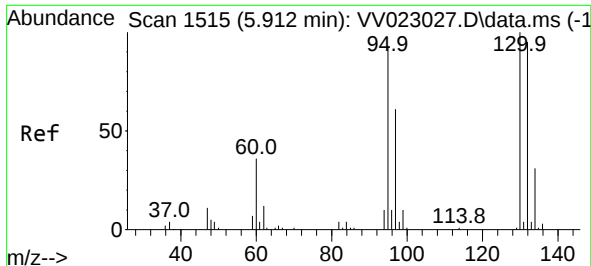
Tgt Ion: 43 Resp: 2268
Ion Ratio Lower Upper
43 100
58 30.3 0.0 55.4



#25
Chloroform
Concen: 2.128 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV023042.D
Acq: 26 Oct 2021 16:51

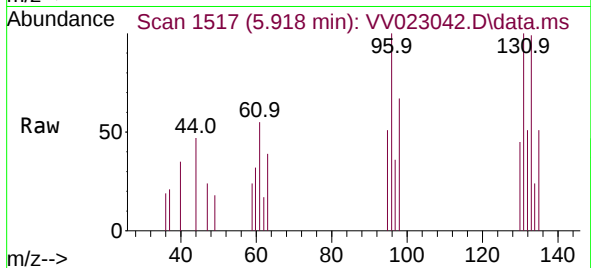
Tgt Ion: 83 Resp: 38381
Ion Ratio Lower Upper
83 100
85 66.2 46.8 86.8





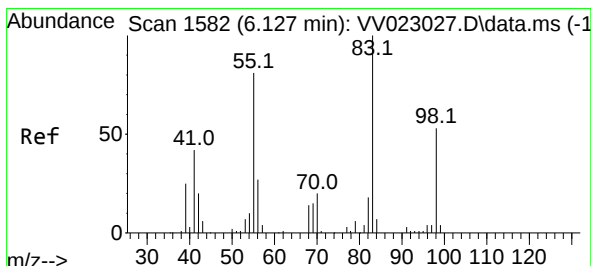
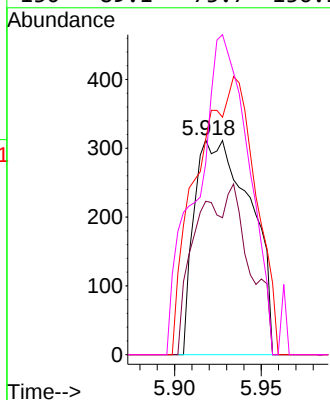
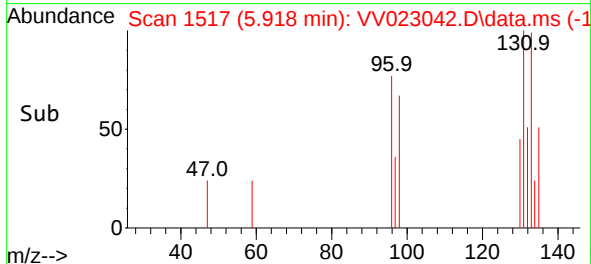
#34
Trichloroethene
Concen: 0.077 ug/L
RT: 5.918 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV023042.D
Acq: 26 Oct 2021 16:51

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 702

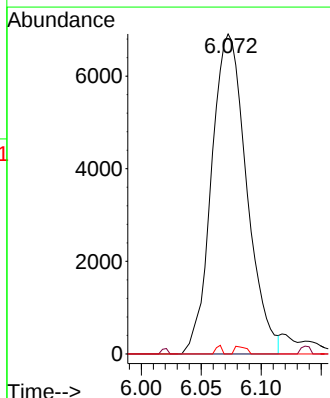
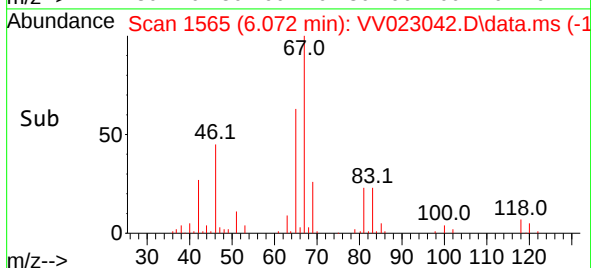
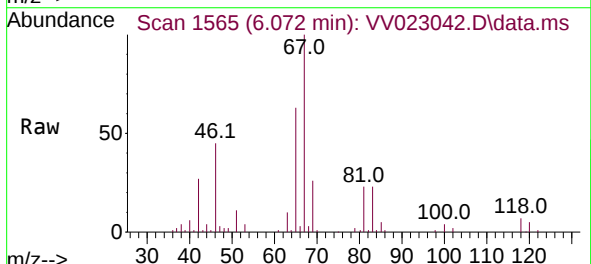
Ion	Ratio	Lower	Upper
95	100		
97	71.5	45.0	83.6
132	100.3	69.7	129.4
130	89.1	73.7	136.9

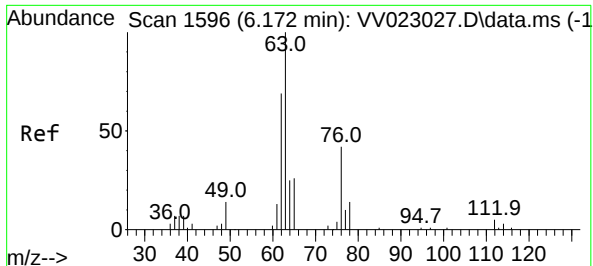


#35
Methylcyclohexane
Concen: 1.083 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV023042.D
Acq: 26 Oct 2021 16:51

Tgt Ion: 83 Resp: 14071

Ion	Ratio	Lower	Upper
83	100		
55	0.6	62.8	94.2#
98	0.8	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.704 ug/L

RT: 6.076 min Scan# 1

Delta R.T. -0.097 min

Lab File: VV023042.D

Acq: 26 Oct 2021 16:51

Instrument :

MSVOA_V

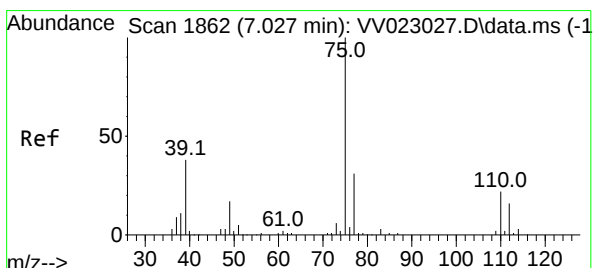
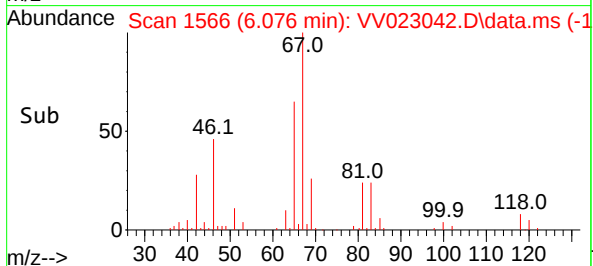
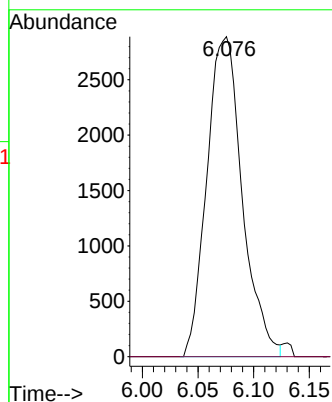
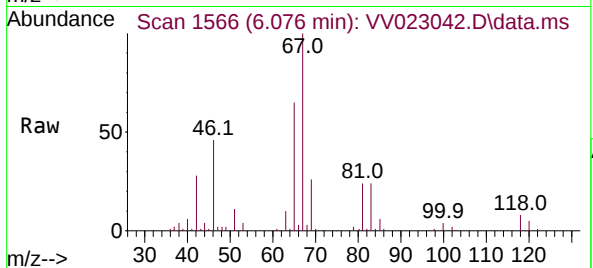
ClientSampleId :

Tgt Ion: 63 Resp: 6406

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.148 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.029 min

Lab File: VV023042.D

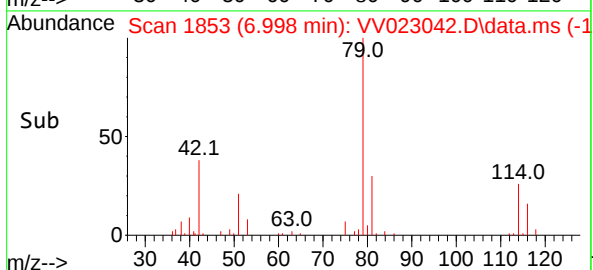
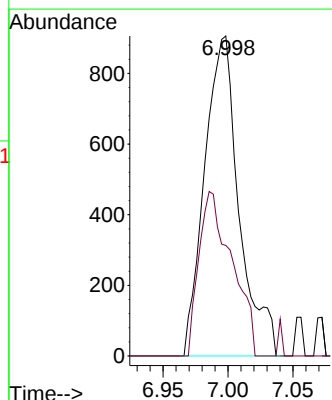
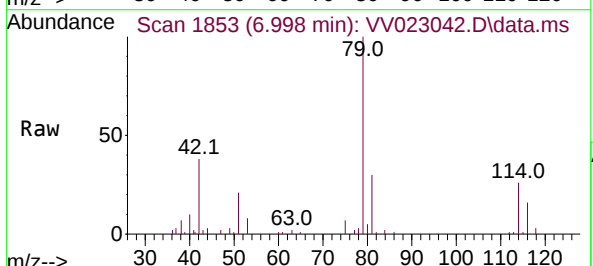
Acq: 26 Oct 2021 16:51

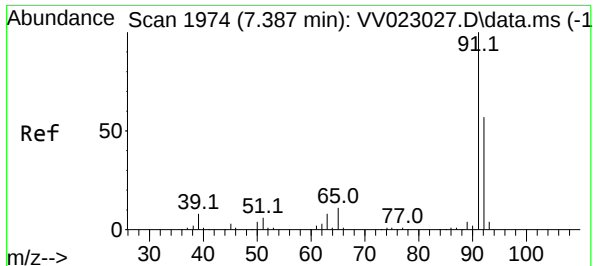
Tgt Ion: 75 Resp: 1673

Ion Ratio Lower Upper

75 100

77 34.5 21.6 40.2

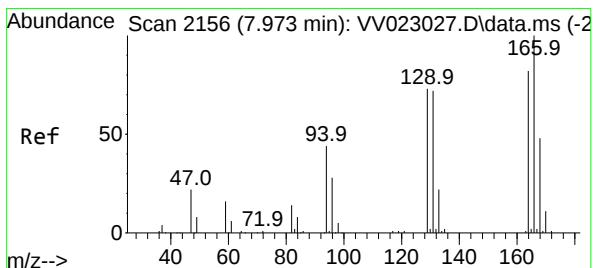
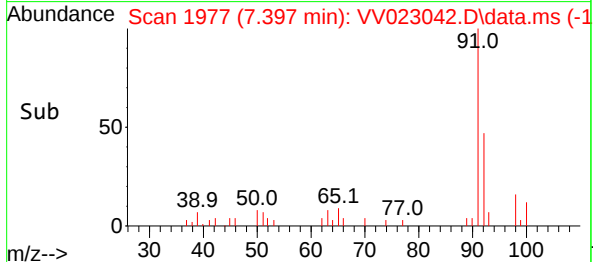
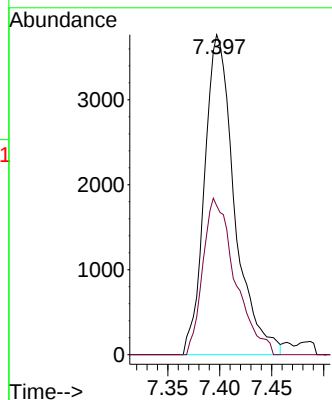
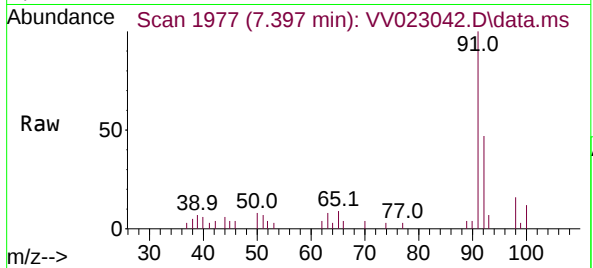




#42
Toluene
Concen: 0.207 ug/L
RT: 7.397 min Scan# 1974
Delta R.T. 0.010 min
Lab File: VV023042.D
Acq: 26 Oct 2021 16:51

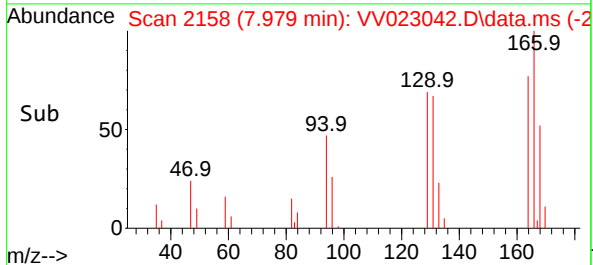
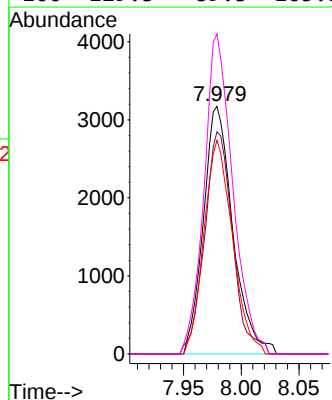
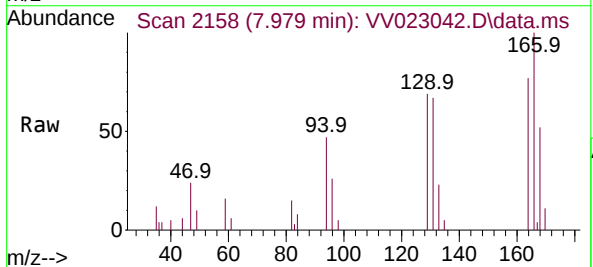
Instrument :
MSVOA_V
ClientSampleId :

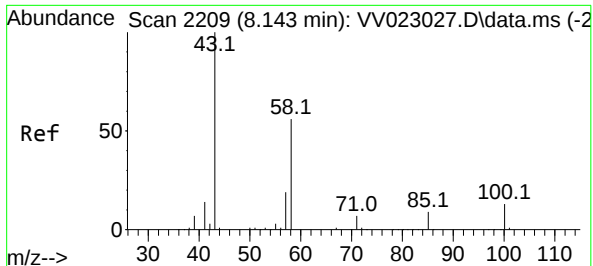
Tgt Ion: 91 Resp: 7557
Ion Ratio Lower Upper
91 100
92 46.5 39.3 72.9



#47
Tetrachloroethene
Concen: 0.735 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV023042.D
Acq: 26 Oct 2021 16:51

Tgt Ion: 164 Resp: 5634
Ion Ratio Lower Upper
164 100
129 89.8 64.0 119.0
131 86.3 63.4 117.8
166 129.3 89.3 165.9





#48

2-Hexanone

Concen: 1.991 ug/L

RT: 8.146 min Scan# 2158

Delta R.T. 0.003 min

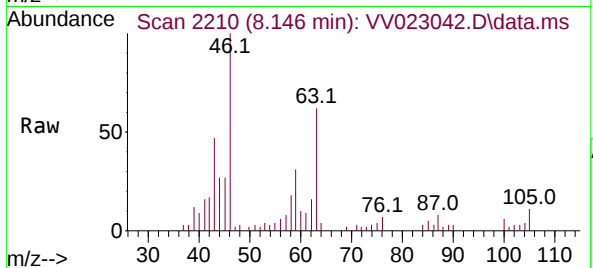
Lab File: VV023042.D

Acq: 26 Oct 2021 16:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 6333

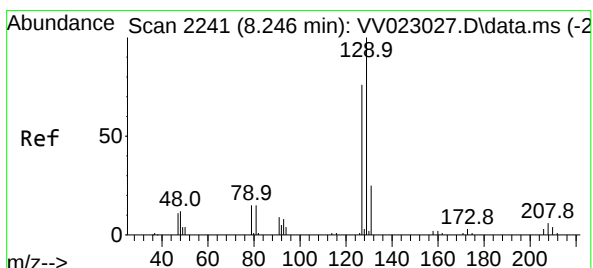
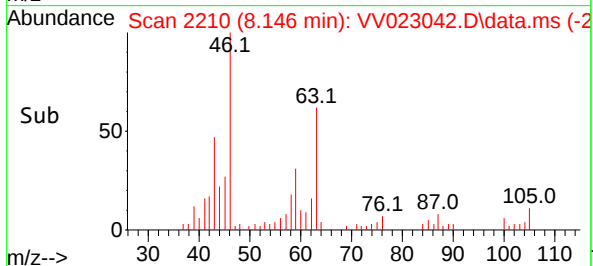
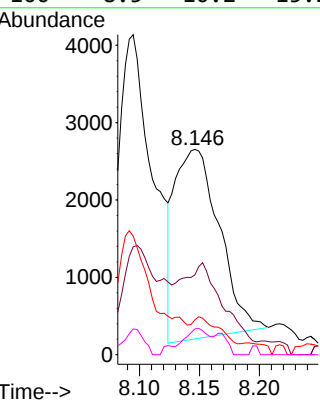
Ion Ratio Lower Upper

43 100

58 26.6 43.7 65.5#

57 9.1 14.1 21.1#

100 8.5 10.2 15.2#



#49

Dibromochloromethane

Concen: 0.629 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV023042.D

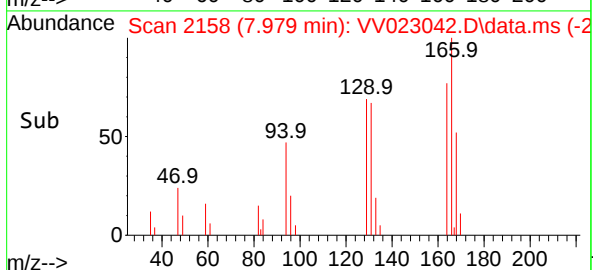
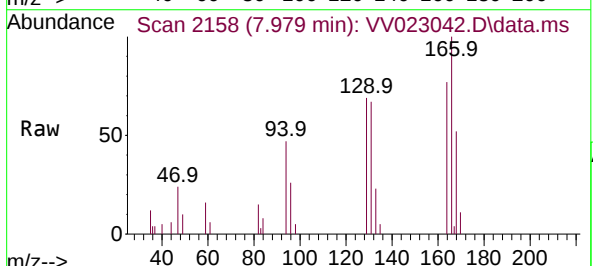
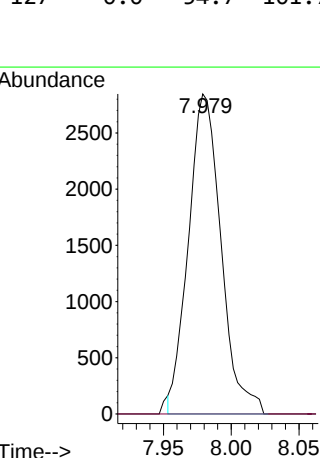
Acq: 26 Oct 2021 16:51

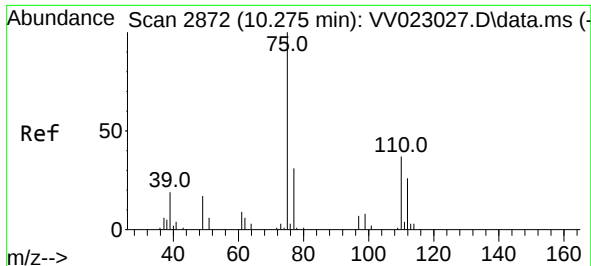
Tgt Ion: 129 Resp: 4766

Ion Ratio Lower Upper

129 100

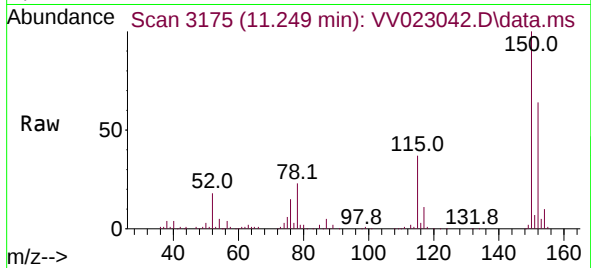
127 0.0 54.7 101.7#



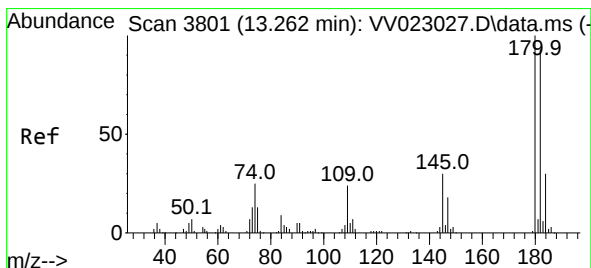
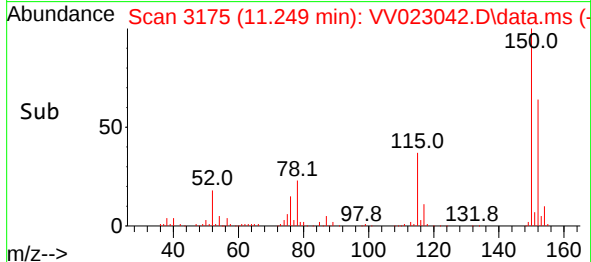
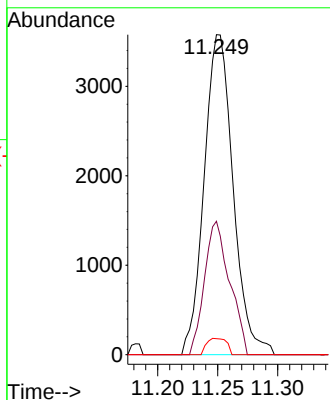


#61
 1,2,3-Trichloropropane
 Concen: 1.443 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV023042.D
 Acq: 26 Oct 2021 16:51

Instrument :
 MSVOA_V
 ClientSampleId :

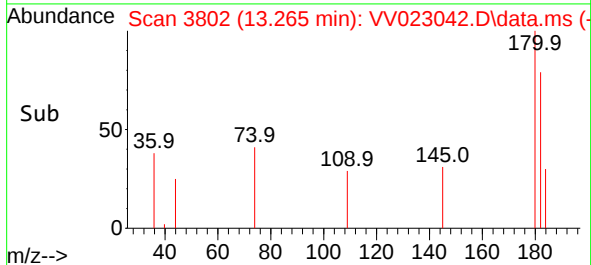
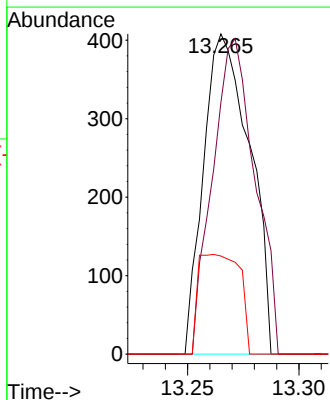
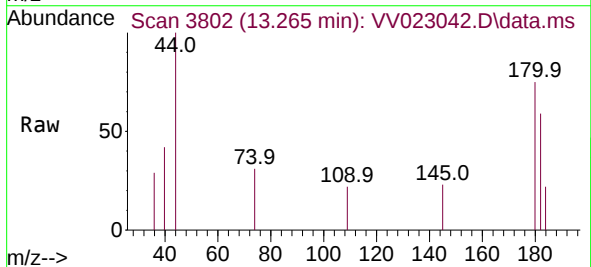


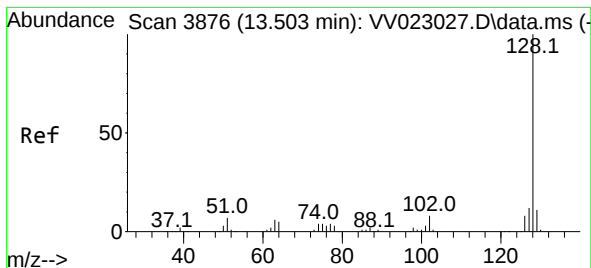
Tgt Ion: 75 Resp: 6015
 Ion Ratio Lower Upper
 75 100
 77 36.2 26.6 39.8
 110 3.5 31.8 47.6#



#70
 1,2,4-trichlorobenzene
 Concen: 0.065 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.003 min
 Lab File: VV023042.D
 Acq: 26 Oct 2021 16:51

Tgt Ion: 180 Resp: 588
 Ion Ratio Lower Upper
 180 100
 182 90.6 76.9 115.3
 145 27.9 24.4 36.6





#71

Naphthalene

Concen: 0.118 ug/L

RT: 13.509 min Scan# 3876

Delta R.T. 0.006 min

Lab File: VV023042.D

Acq: 26 Oct 2021 16:51

Instrument :

MSVOA_V

ClientSampleId :

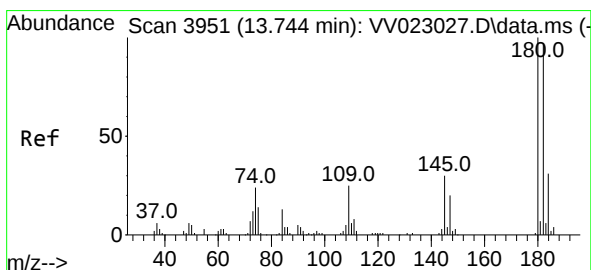
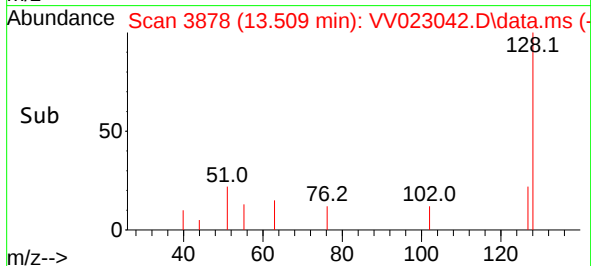
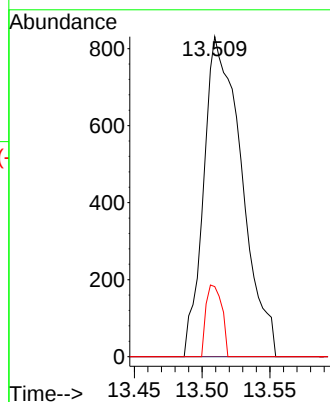
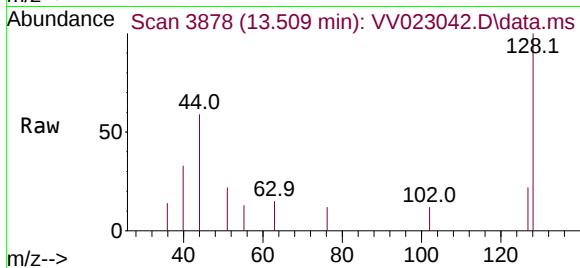
Tgt Ion:128 Resp: 1615

Ion Ratio Lower Upper

128 100

129 0.0 8.6 13.0#

127 9.3 10.5 15.7#



#72

1,2,3-Trichlorobenzene

Concen: 0.078 ug/L

RT: 13.750 min Scan# 3953

Delta R.T. 0.006 min

Lab File: VV023042.D

Acq: 26 Oct 2021 16:51

Tgt Ion:180 Resp: 650

Ion Ratio Lower Upper

180 100

182 101.1 76.7 115.1

145 14.3 25.7 38.5#

