

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070822\
 Data File : VW026695.D
 Acq On : 08 Jul 2022 14:21
 Operator : SY/MD
 Sample : N3601-06DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUB1DL

Quant Time: Jul 08 23:56:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 08 23:50:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	176350	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	174520	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66219	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	57040	4.022	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.581	69	54080	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.118	63	82177	3.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.931	46	65289	46.304	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.600%
24) Chloroform-d	4.362	84	118223	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.043	65	48039	5.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.060	84	210762	4.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.076	67	69858	5.068	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.400%
41) Toluene-d8	7.320	98	155243	3.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.800%#
43) trans-1,3-Dichloroprop...	7.632	79	12491	3.506	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.200%
46) 2-Hexanone-d5	8.095	63	64682	47.660	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	49125	5.448	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	57532	5.250	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.000%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	1540	0.105	ug/L	93
5) Vinyl chloride	1.323	62	1078	0.069	ug/L #	1
6) Bromomethane	1.539	94	983	0.116	ug/L	89
8) Chloroethane	1.327	64	2000	0.188	ug/L	93
12) 1,1-Dichloroethene	2.121	96	1174	0.099	ug/L #	1
16) Methylene chloride	2.519	84	9943	0.786	ug/L	96
18) trans-1,2-Dichloroethene	2.777	96	10931	0.900	ug/L	93
22) cis-1,2-Dichloroethene	3.928	96	71665	5.939	ug/L	99
34) Trichloroethene	5.918	95	388836	29.026	ug/L	97
35) Methylcyclohexane	6.076	83	17117	0.864	ug/L #	20
37) 1,2-Dichloropropane	6.076	63	6884	0.560	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	937	0.076	ug/L #	56
45) 1,1,2-Trichloroethane	7.973	97	600	0.077	ug/L #	1
47) Tetrachloroethene	7.976	164	67931	6.369	ug/L	98
49) Dibromochloromethane	7.976	129	61538	7.847	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	6897	1.609	ug/L #	63

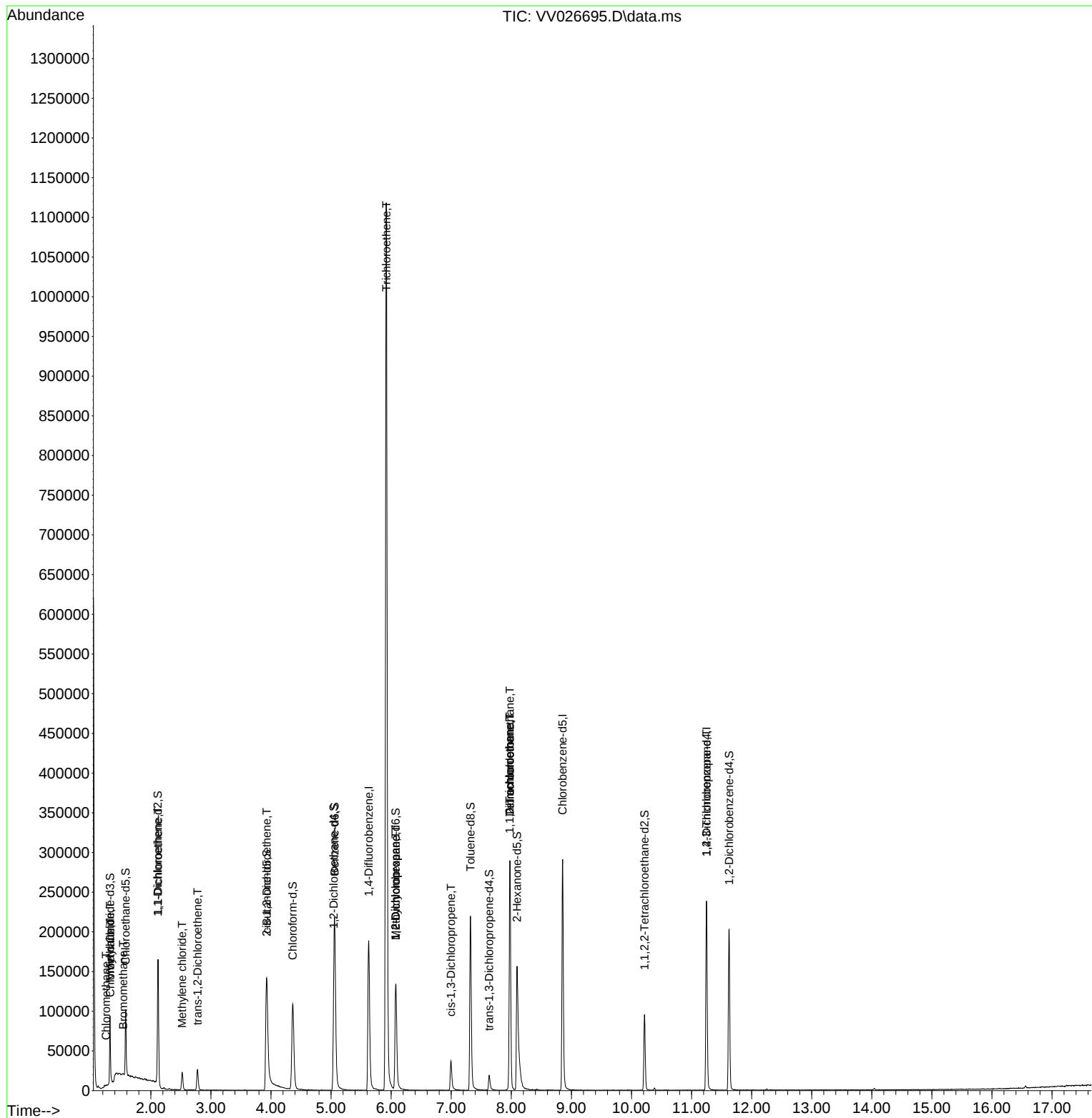
(#) = qualifier out of range (m) = manual integration (+) = signals summed

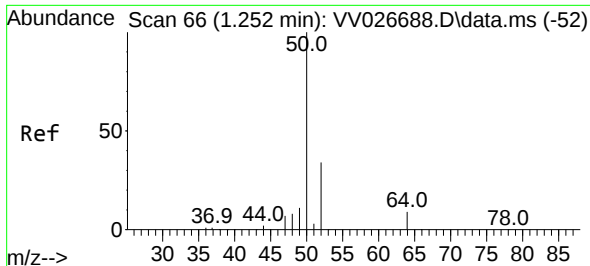
Instrument :
MSVOA_V
ClientSampleId :
DBUB1DL

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070822\
Data File : VV026695.D
Acq On : 08 Jul 2022 14:21
Operator : SY/MD
Sample : N3601-06DL 200X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUB1DL

Quant Time: Jul 08 23:56:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 08 23:50:05 2022
Response via : Initial Calibration

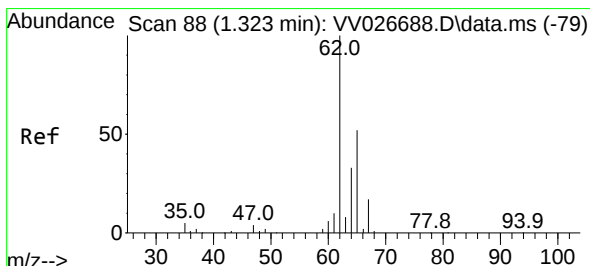
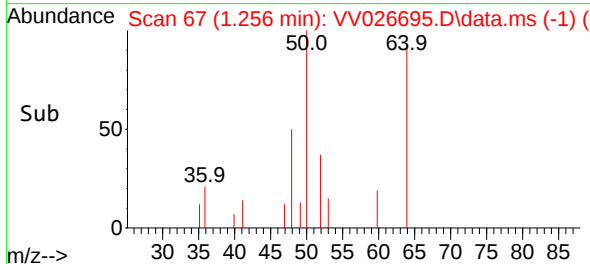
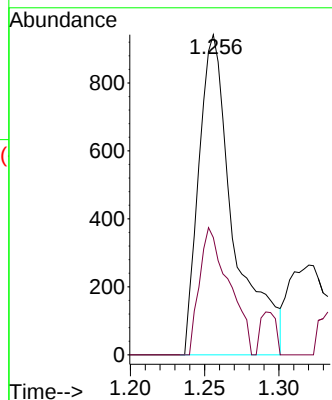
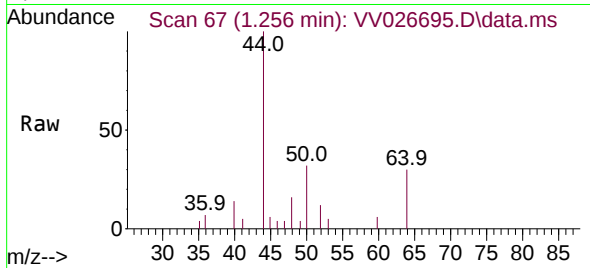




#3
Chloromethane
Concen: 0.105 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026695.D
Acq: 08 Jul 2022 14:21

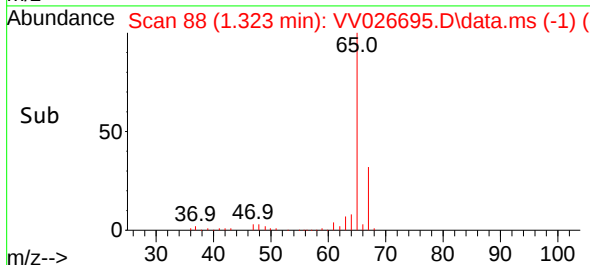
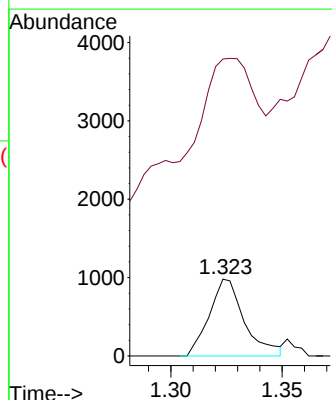
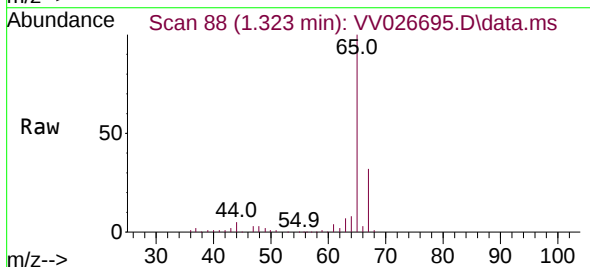
Instrument :
MSVOA_V
ClientSampleId :
DBUB1DL

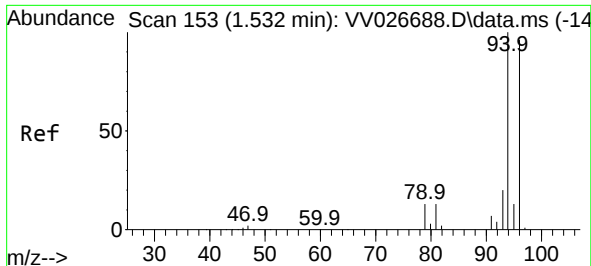
Tgt Ion: 50 Resp: 1540
Ion Ratio Lower Upper
50 100
52 36.6 23.0 42.6



#5
Vinyl chloride
Concen: 0.069 ug/L
RT: 1.323 min Scan# 88
Delta R.T. 0.000 min
Lab File: VV026695.D
Acq: 08 Jul 2022 14:21

Tgt Ion: 62 Resp: 1078
Ion Ratio Lower Upper
62 100
64 386.6 26.2 48.6#

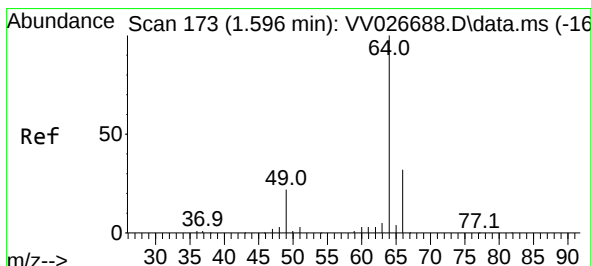
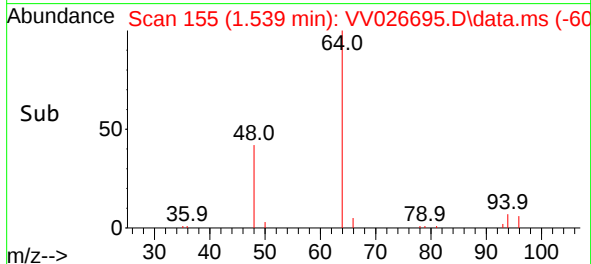
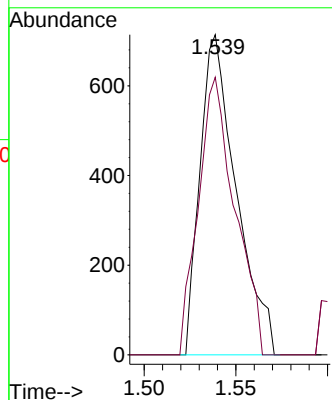
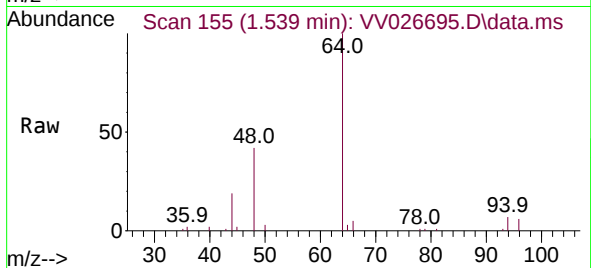




#6
Bromomethane
Concen: 0.116 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV026695.D
Acq: 08 Jul 2022 14:21

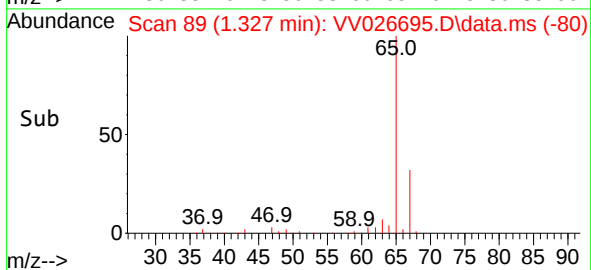
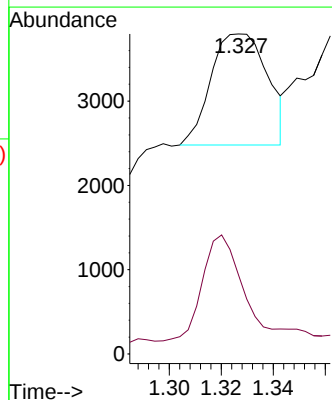
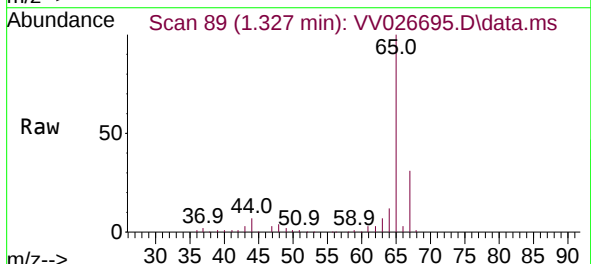
Instrument :
MSVOA_V
ClientSampleId :
DBUB1DL

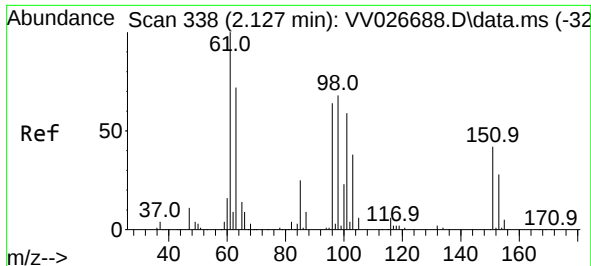
Tgt Ion: 94 Resp: 983
Ion Ratio Lower Upper
94 100
96 86.7 68.0 126.2



#8
Chloroethane
Concen: 0.188 ug/L
RT: 1.327 min Scan# 89
Delta R.T. -0.270 min
Lab File: VV026695.D
Acq: 08 Jul 2022 14:21

Tgt Ion: 64 Resp: 2000
Ion Ratio Lower Upper
64 100
66 24.8 20.0 37.2





#12

1,1-Dichloroethene

Concen: 0.099 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV026695.D

Acq: 08 Jul 2022 14:21

Instrument :

MSVOA_V

ClientSampleId :

DBUB1DL

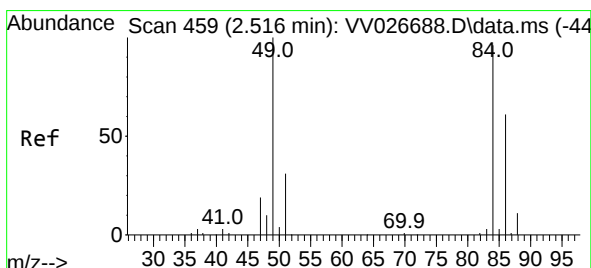
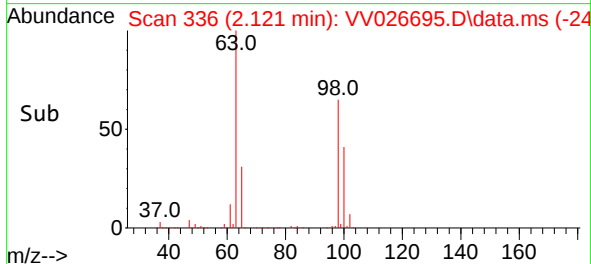
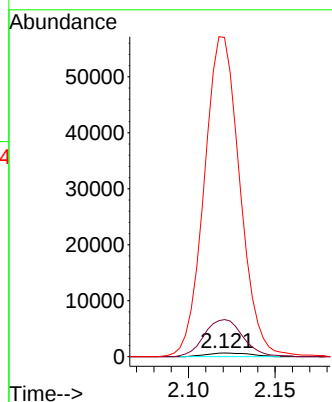
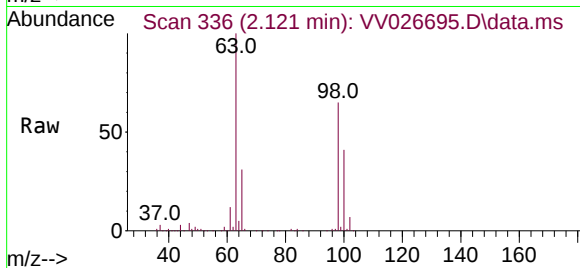
Tgt Ion: 96 Resp: 1174

Ion Ratio Lower Upper

96 100

61 1002.7 115.4 214.4#

63 8615.1 87.4 162.2#



#16

Methylene chloride

Concen: 0.786 ug/L

RT: 2.519 min Scan# 460

Delta R.T. 0.003 min

Lab File: VV026695.D

Acq: 08 Jul 2022 14:21

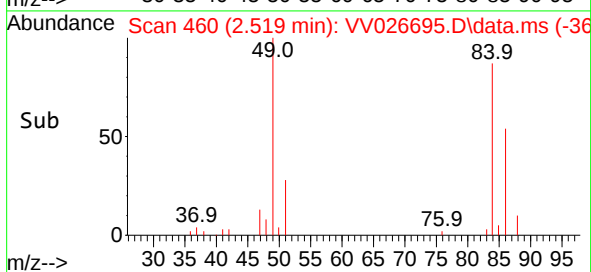
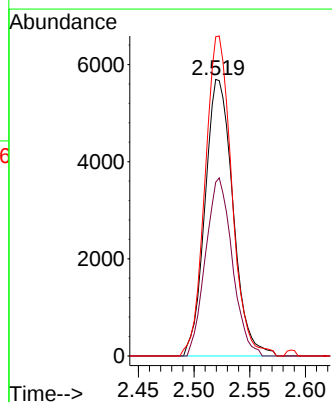
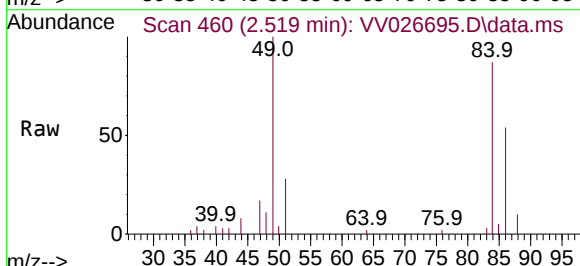
Tgt Ion: 84 Resp: 9943

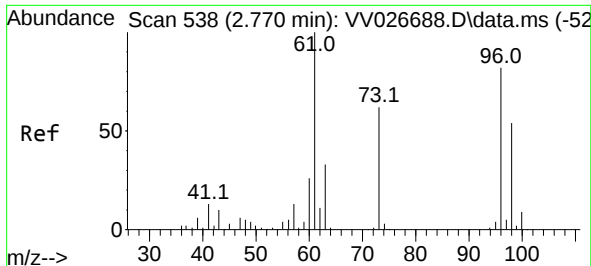
Ion Ratio Lower Upper

84 100

86 62.8 46.0 85.4

49 115.5 77.7 144.3

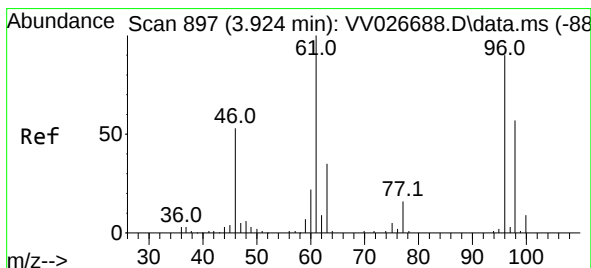
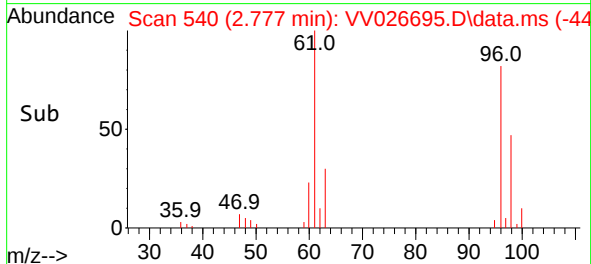
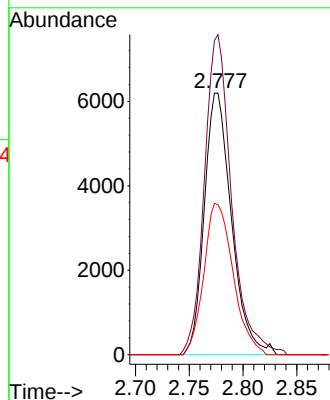
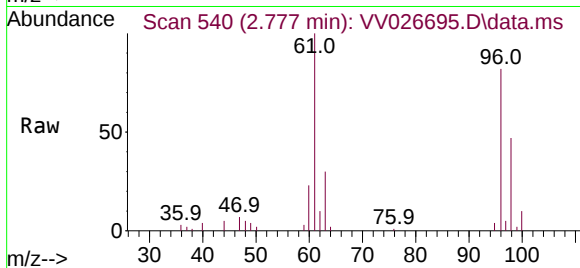




#18
trans-1,2-Dichloroethene
Concen: 0.900 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.007 min
Lab File: VV026695.D
Acq: 08 Jul 2022 14:21

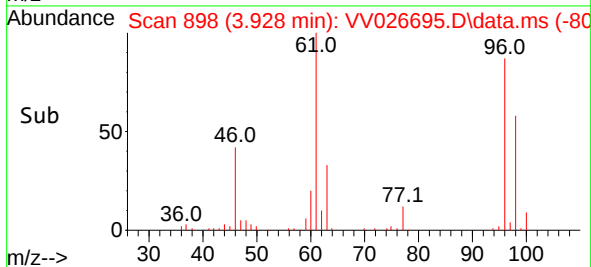
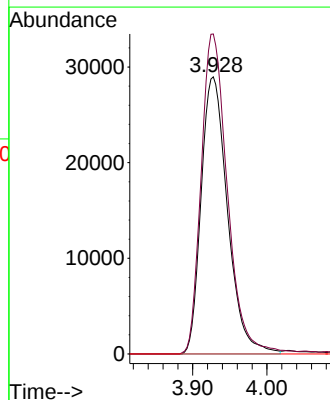
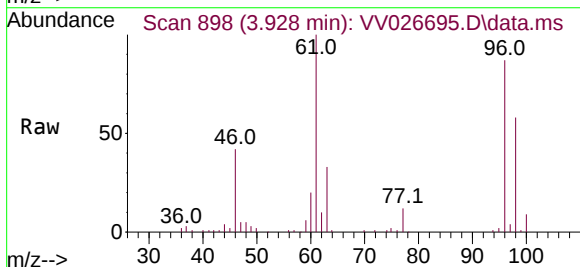
Instrument :
MSVOA_V
ClientSampleId :
DBUB1DL

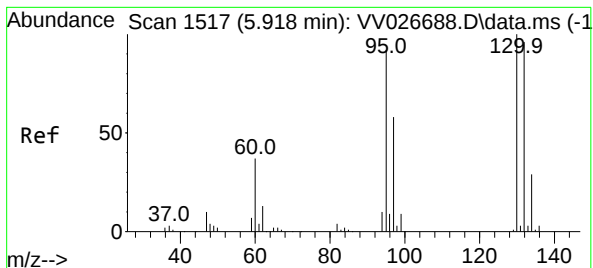
Tgt Ion: 96 Resp: 10931
Ion Ratio Lower Upper
96 100
61 122.3 90.4 167.8
98 57.3 45.6 84.8



#22
cis-1,2-Dichloroethene
Concen: 5.939 ug/L
RT: 3.928 min Scan# 898
Delta R.T. 0.003 min
Lab File: VV026695.D
Acq: 08 Jul 2022 14:21

Tgt Ion: 96 Resp: 71665
Ion Ratio Lower Upper
96 100
61 115.5 82.0 152.2
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 29.026 ug/L

RT: 5.918 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026695.D

Acq: 08 Jul 2022 14:21

Instrument :

MSVOA_V

ClientSampleId :

DBUB1DL

Tgt Ion: 95 Resp: 388836

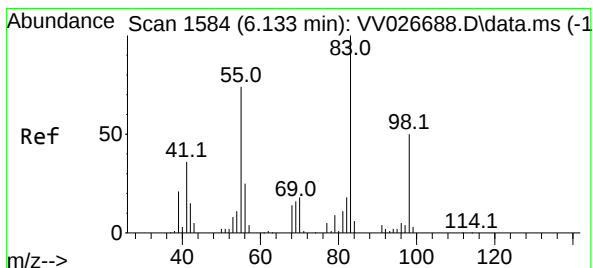
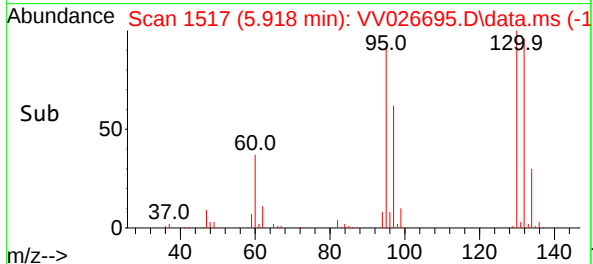
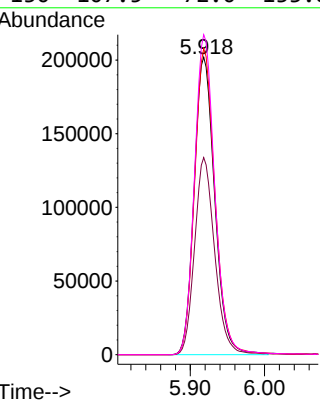
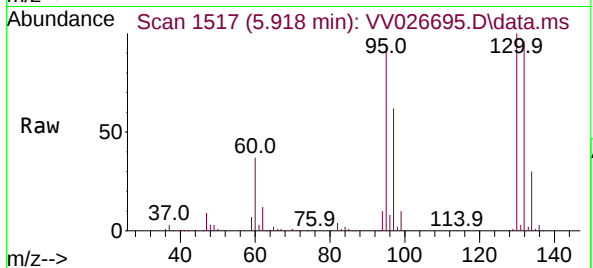
Ion Ratio Lower Upper

95 100

97 66.2 46.8 87.0

132 102.9 69.9 129.7

130 107.5 72.0 133.8



#35

Methylcyclohexane

Concen: 0.864 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026695.D

Acq: 08 Jul 2022 14:21

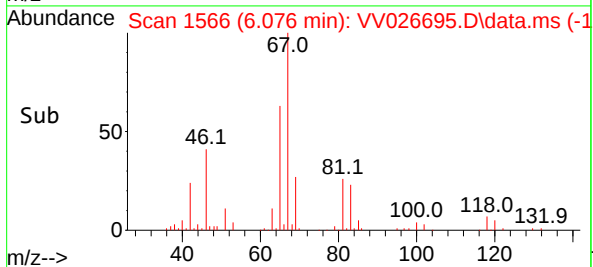
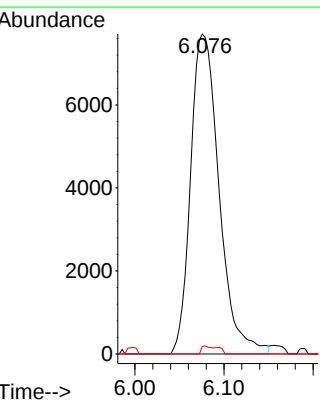
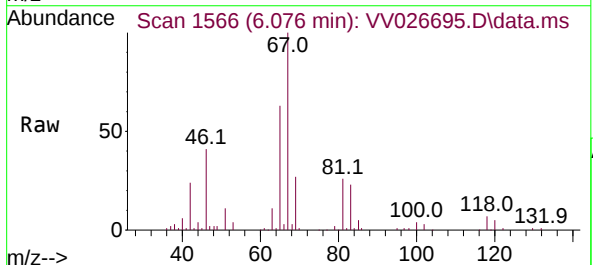
Tgt Ion: 83 Resp: 17117

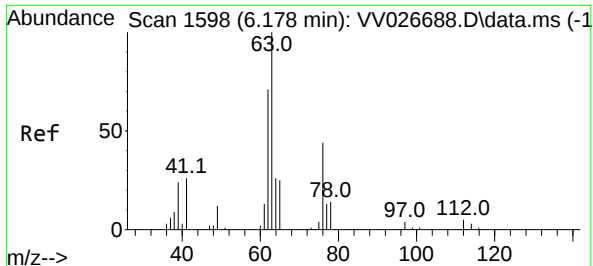
Ion Ratio Lower Upper

83 100

55 0.0 57.0 85.4#

98 0.0 39.8 59.8#





#37

1,2-Dichloropropane

Concen: 0.560 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026695.D

Acq: 08 Jul 2022 14:21

Instrument :

MSVOA_V

ClientSampleId :

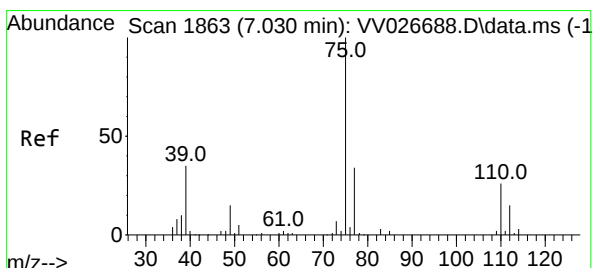
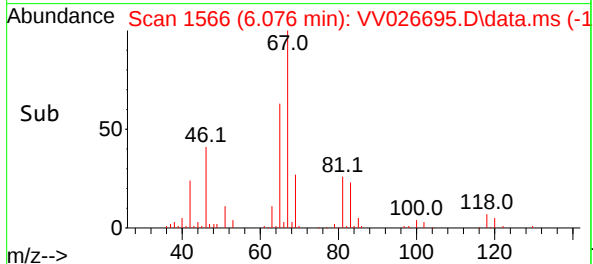
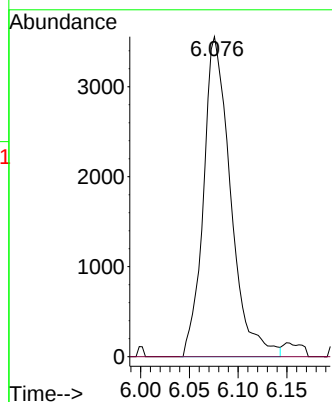
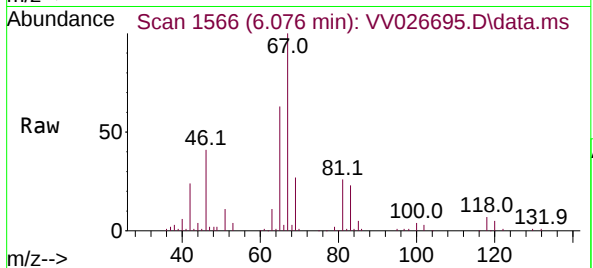
DBUB1DL

Tgt Ion: 63 Resp: 6884

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#



#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.035 min

Lab File: VV026695.D

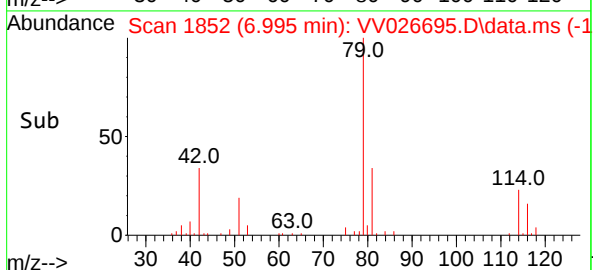
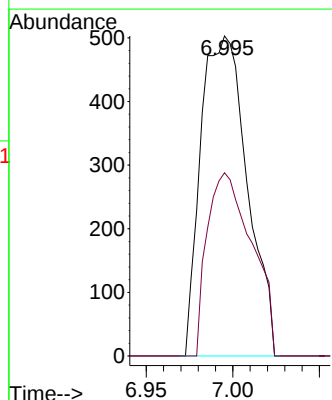
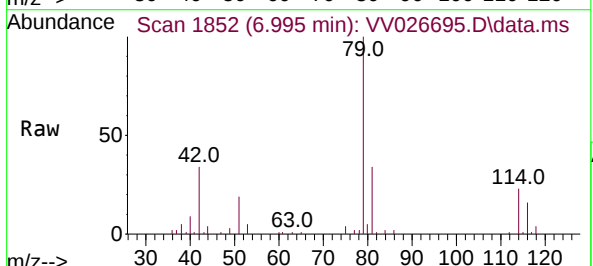
Acq: 08 Jul 2022 14:21

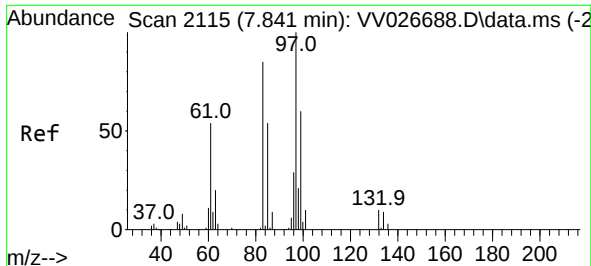
Tgt Ion: 75 Resp: 937

Ion Ratio Lower Upper

75 100

77 57.3 22.8 42.4#

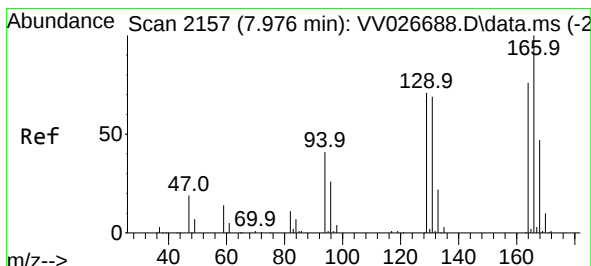
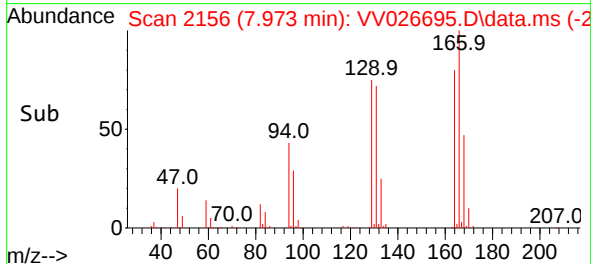
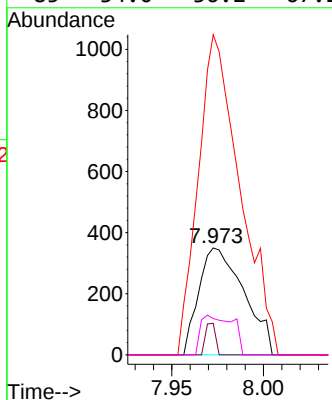
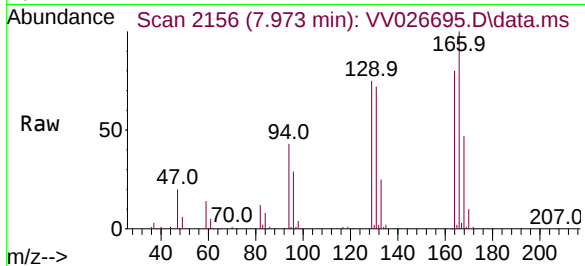




#45
1,1,2-Trichloroethane
Concen: 0.077 ug/L
RT: 7.973 min Scan# 2115
Delta R.T. 0.132 min
Lab File: VV026695.D
Acq: 08 Jul 2022 14:21

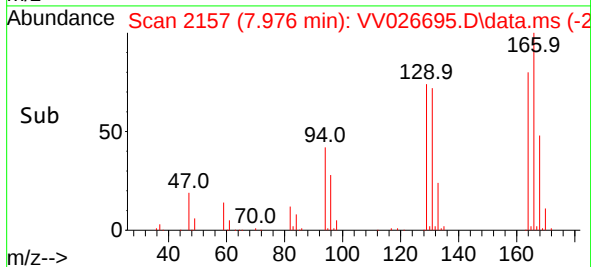
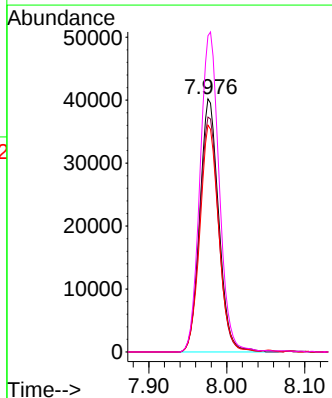
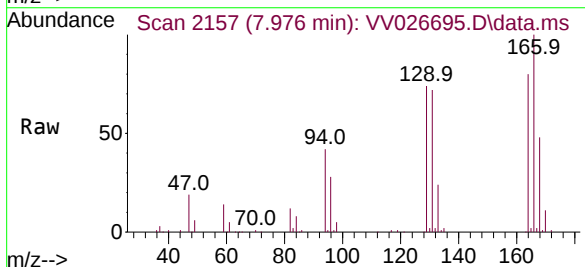
Instrument :
MSVOA_V
ClientSampleId :
DBUB1DL

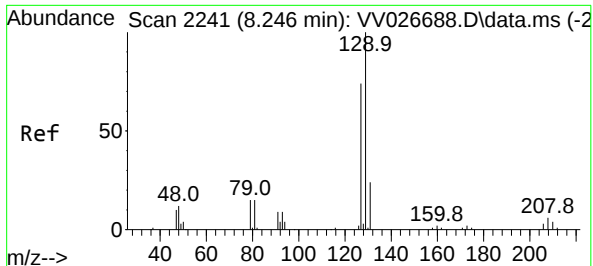
Tgt Ion: 97	Resp: 600
Ion Ratio	Lower Upper
97 100	
99 29.4	43.4 80.6#
83 299.4	58.0 107.8#
85 34.0	36.2 67.2#



#47
Tetrachloroethene
Concen: 6.369 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV026695.D
Acq: 08 Jul 2022 14:21

Tgt Ion: 164	Resp: 67931
Ion Ratio	Lower Upper
164 100	
129 92.8	66.4 123.2
131 89.6	64.4 119.6
166 124.9	88.1 163.7





#49

Dibromochloromethane

Concen: 7.847 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV026695.D

Acq: 08 Jul 2022 14:21

Instrument :

MSVOA_V

ClientSampleId :

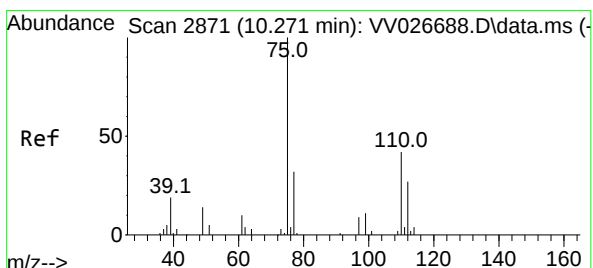
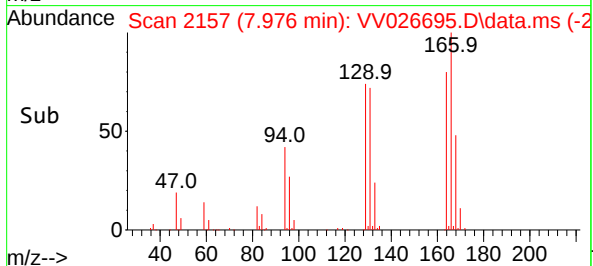
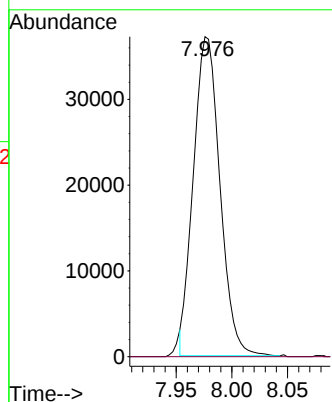
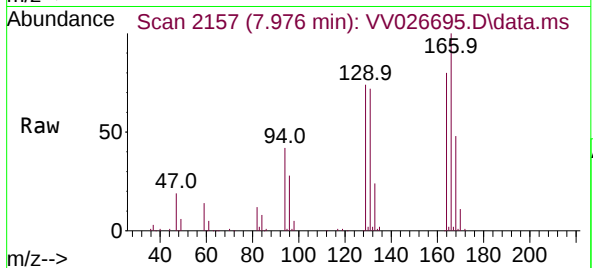
DBUB1DL

Tgt Ion:129 Resp: 61538

Ion Ratio Lower Upper

129 100

127 0.0 54.2 100.6#



#61

1,2,3-Trichloropropane

Concen: 1.609 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV026695.D

Acq: 08 Jul 2022 14:21

Tgt Ion: 75 Resp: 6897

Ion Ratio Lower Upper

75 100

77 29.6 25.8 38.6

110 2.0 32.5 48.7#

