

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025055.D
 Acq On : 16 Mar 2022 18:10
 Operator : SY/MD
 Sample : N1941-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 02:05:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 01:58:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	151957	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	140721	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57388	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	47981	3.999	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.000%	
7) Chloroethane-d5	1.571	69	40170	4.573	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.111	63	62907	3.244	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.800%	
20) 2-Butanone-d5	3.895	46	85970	59.296	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.600%	
24) Chloroform-d	4.352	84	92493	4.649	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.037	65	40399	4.856	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
32) Benzene-d6	5.053	84	187015	4.581	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.600%	
36) 1,2-Dichloropropane-d6	6.072	67	57164	4.870	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.400%	
41) Toluene-d8	7.316	98	159861	4.297	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
43) trans-1,3-Dichloroprop...	7.625	79	17111	4.181	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.600%	
46) 2-Hexanone-d5	8.088	63	73556	52.698	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.400%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31145	4.510	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	52819	5.437	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.800%	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	873	0.069	ug/L	96
13) Acetone	2.185	43	4485	4.625	ug/L	84
17) Methyl tert-butyl Ether	2.777	73	752	0.036	ug/L #	76
18) trans-1,2-Dichloroethene	2.770	96	401	0.034	ug/L	84
21) 2-Butanone	4.082	43	54275	35.464	ug/L #	55
22) cis-1,2-Dichloroethene	3.915	96	6948	0.591	ug/L	99
25) Chloroform	4.378	83	1899	0.092	ug/L	98
27) 1,2-Dichloroethane	5.050	62	994	0.097	ug/L #	71
34) Trichloroethene	5.918	95	38142	3.130	ug/L	98
35) Methylcyclohexane	6.072	83	13530	0.701	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	6213	0.591	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	1140	0.078	ug/L #	59
45) 1,1,2-Trichloroethane	7.979	97	46717	6.650	ug/L #	1
47) Tetrachloroethene	7.982	164	5009436	584.291	ug/L	98
49) Dibromochloromethane	7.982	129	5131973	652.582	ug/L #	10
61) 1,2,3-Trichloropropane	10.014	75	396	0.082	ug/L #	39

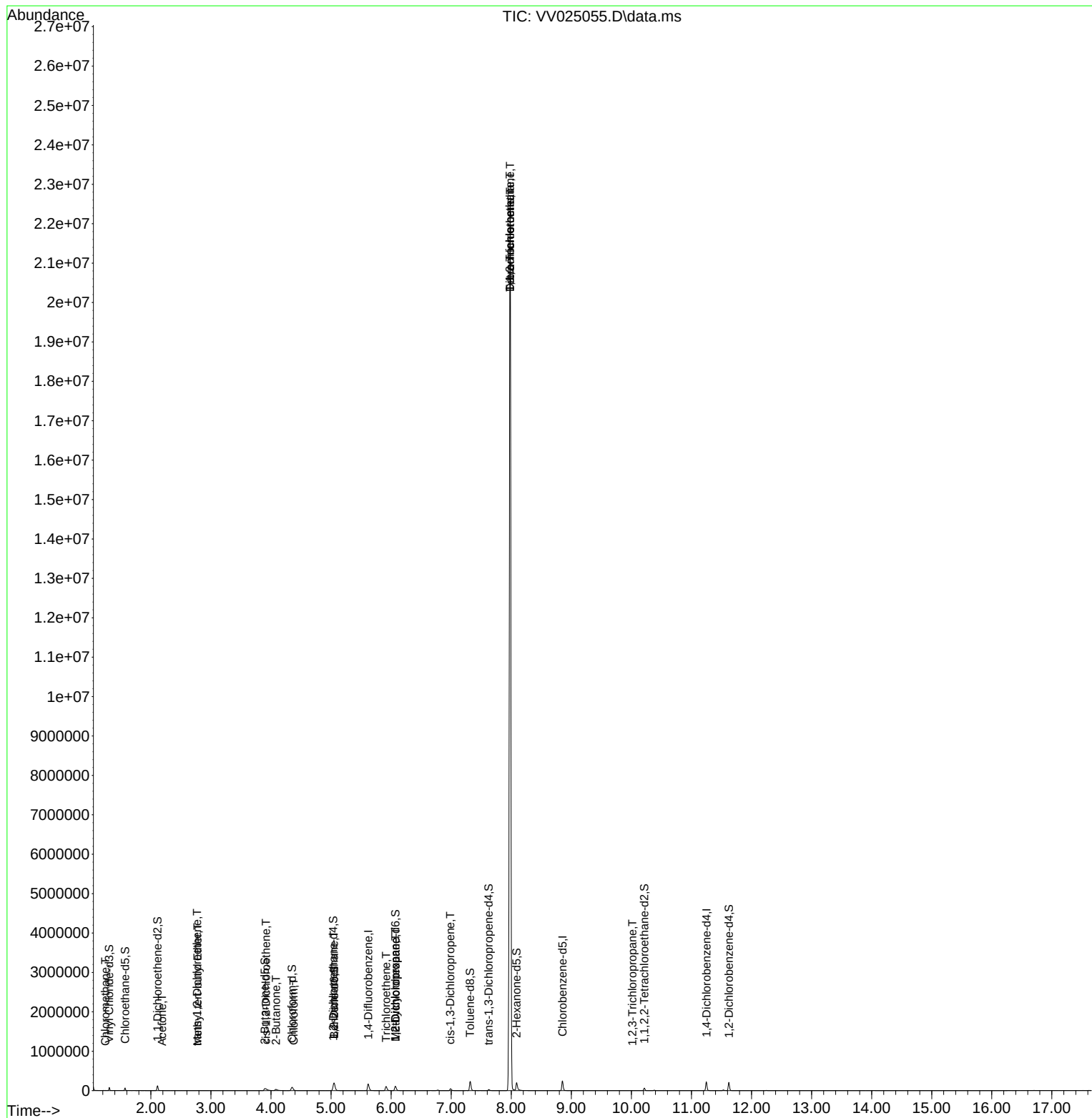
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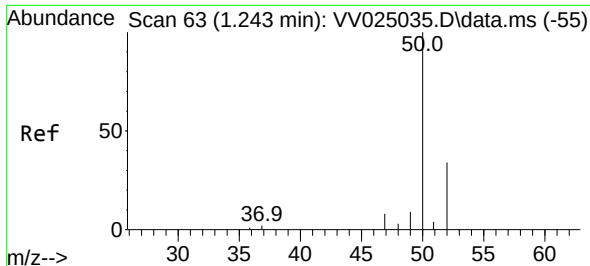
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031622\
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Quant Time: Mar 17 02:05:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 17 01:58:56 2022
Response via : Initial Calibration

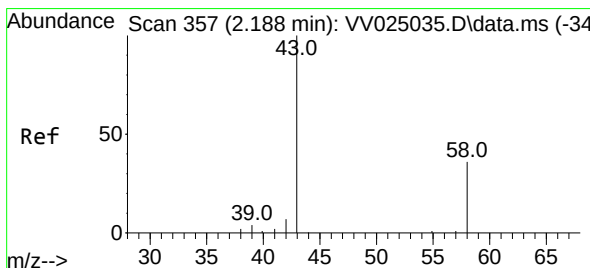
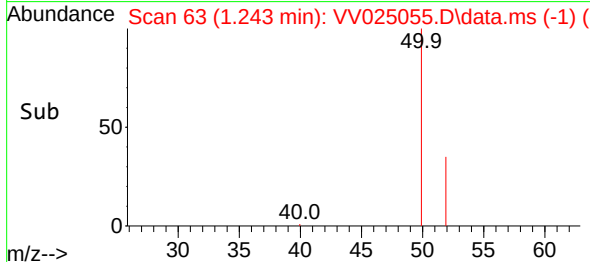
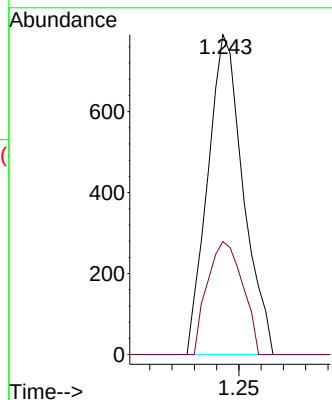
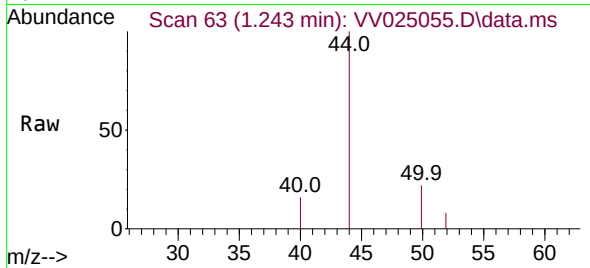




#3
Chloromethane
Concen: 0.069 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025055.D
Acq: 16 Mar 2022 18:10

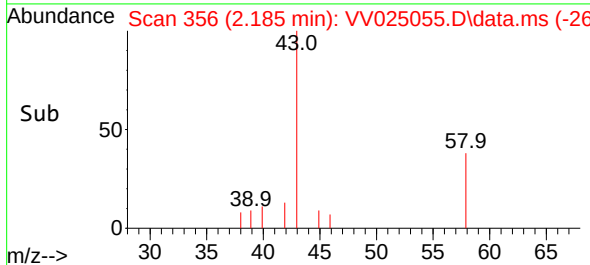
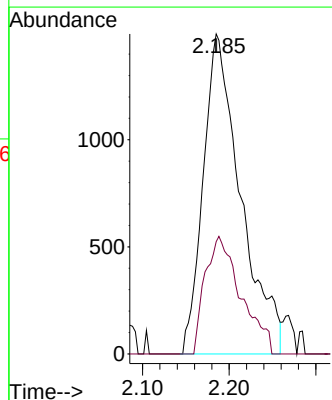
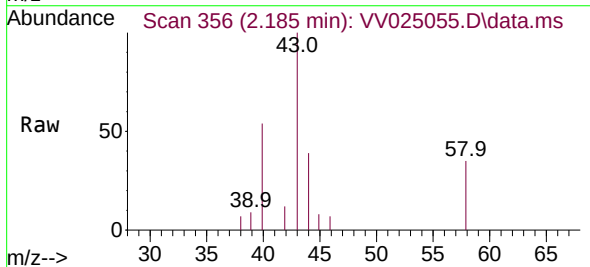
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MSVOA_V
ClientSampleId :

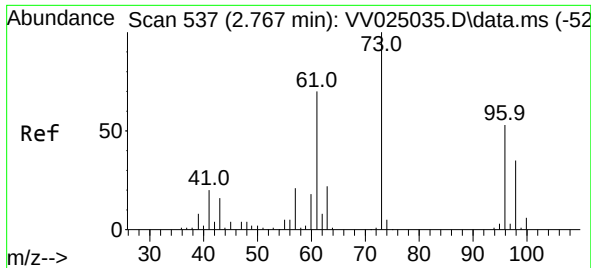
Tgt Ion: 50 Resp: 873
Ion Ratio Lower Upper
50 100
52 35.3 23.2 43.2



#13
Acetone
Concen: 4.625 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.003 min
Lab File: VV025055.D
Acq: 16 Mar 2022 18:10

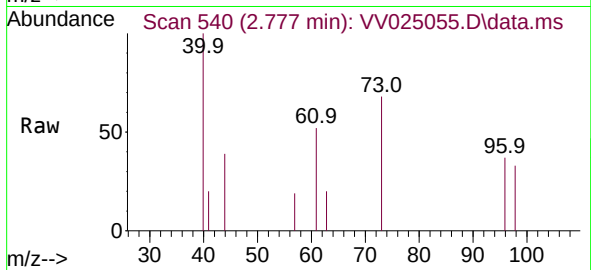
Tgt Ion: 43 Resp: 4485
Ion Ratio Lower Upper
43 100
58 35.2 0.0 54.2



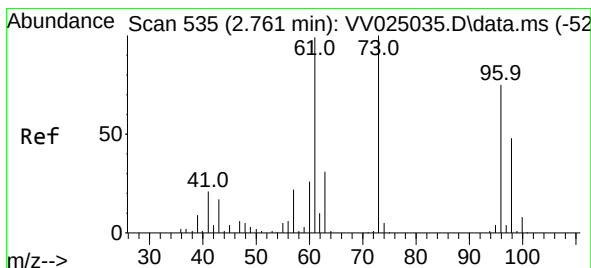
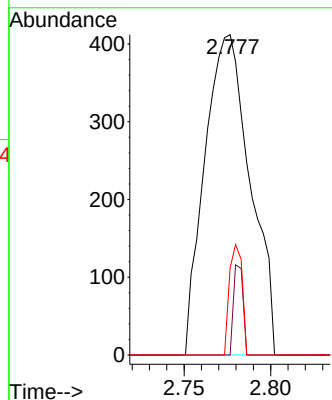
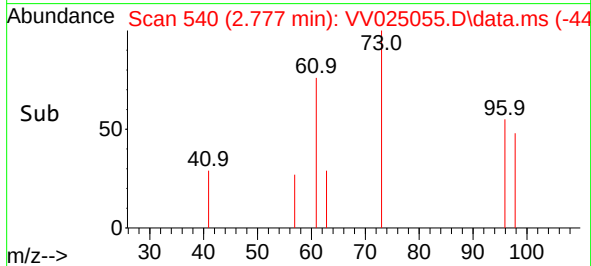


#17
Methyl tert-butyl Ether
Concen: 0.036 ug/L
RT: 2.777 min Scan# 541
Delta R.T. 0.010 min
Lab File: VV025055.D
Acq: 16 Mar 2022 18:10

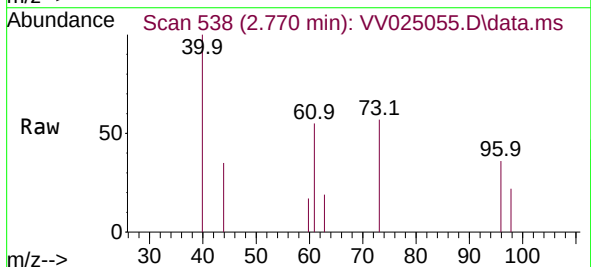
Instrument :
MSVOA_V
ClientSampleId :



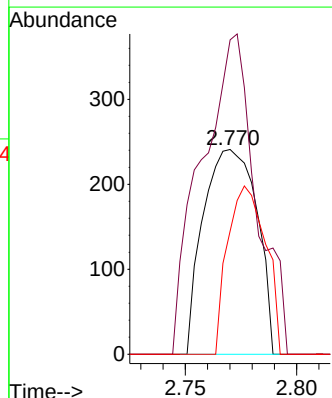
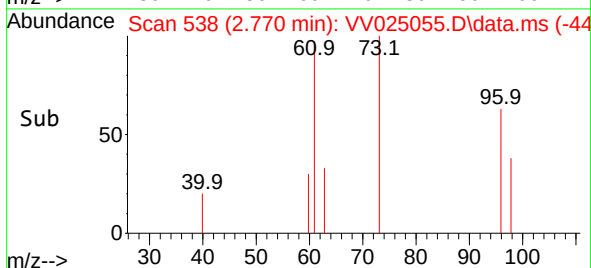
Tgt Ion: 73 Resp: 752
Ion Ratio Lower Upper
73 100
43 5.9 13.2 19.8#
57 9.7 16.7 25.1#

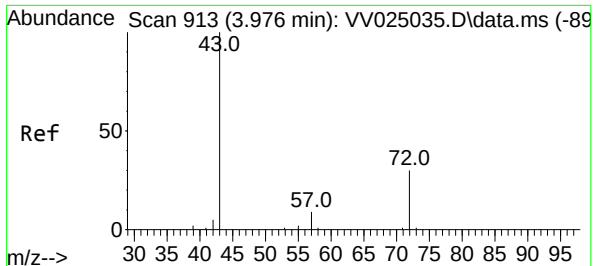


#18
trans-1,2-Dichloroethene
Concen: 0.034 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.010 min
Lab File: VV025055.D
Acq: 16 Mar 2022 18:10



Tgt Ion: 96 Resp: 401
Ion Ratio Lower Upper
96 100
61 153.5 89.2 165.6
98 60.2 43.9 81.5





#21

2-Butanone

Concen: 35.464 ug/L

RT: 4.082 min Scan# 946

Delta R.T. 0.106 min

Lab File: VV025055.D

Acq: 16 Mar 2022 18:10

Instrument :

MSVOA_V

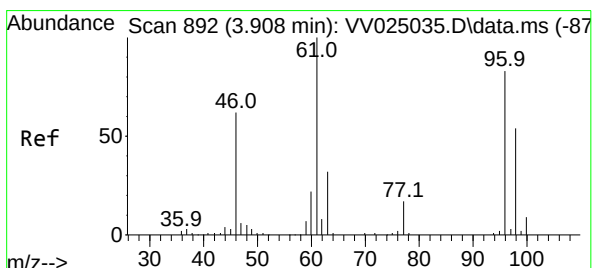
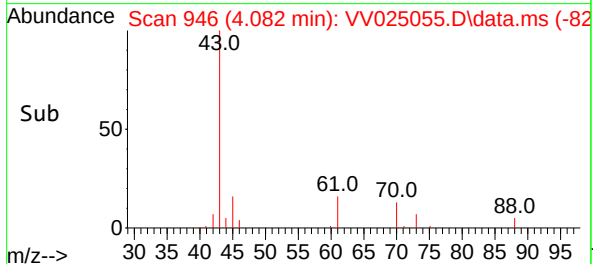
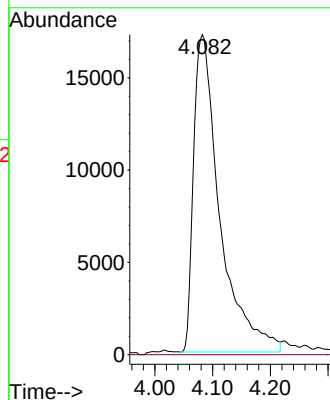
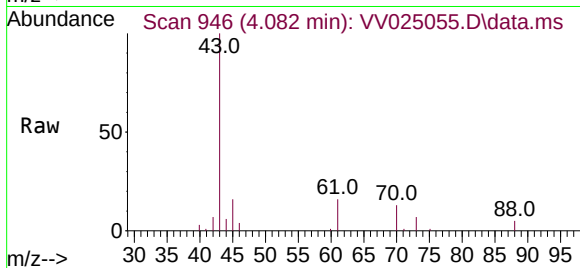
ClientSampleId :

Tgt Ion: 43 Resp: 54275

Ion Ratio Lower Upper

43 100

72 0.0 10.4 31.2#



#22

cis-1,2-Dichloroethene

Concen: 0.591 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.006 min

Lab File: VV025055.D

Acq: 16 Mar 2022 18:10

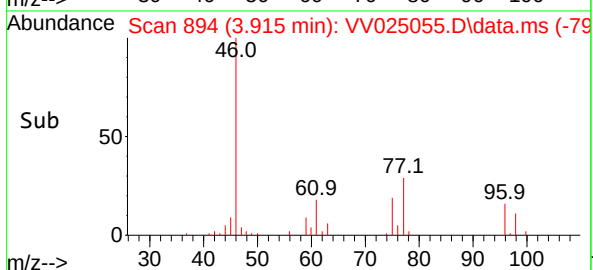
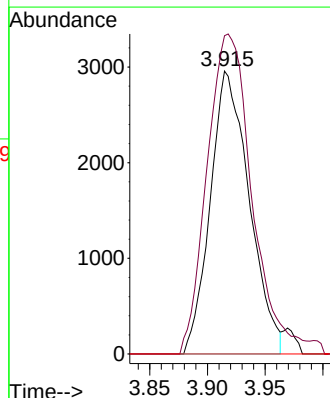
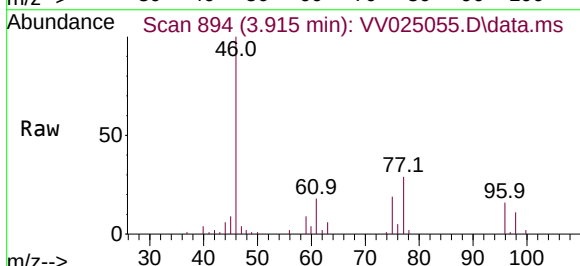
Tgt Ion: 96 Resp: 6948

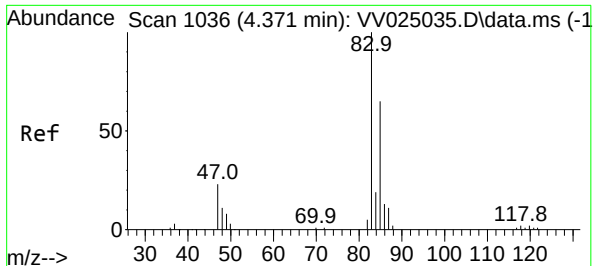
Ion Ratio Lower Upper

96 100

61 112.5 79.7 147.9

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.092 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV025055.D

Acq: 16 Mar 2022 18:10

Instrument :

MSVOA_V

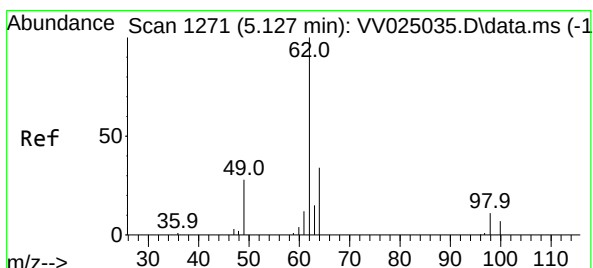
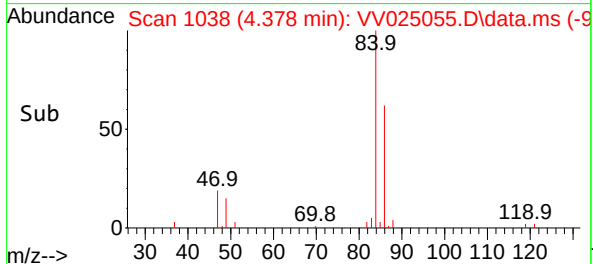
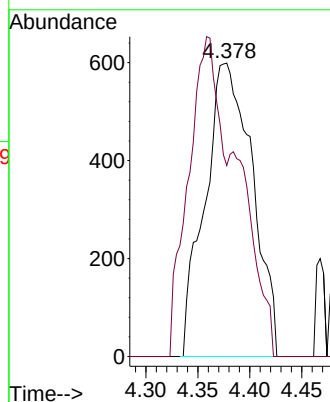
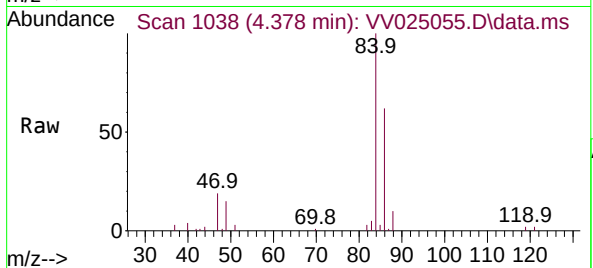
ClientSampleId :

Tgt Ion: 83 Resp: 1899

Ion Ratio Lower Upper

83 100

85 65.1 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.097 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV025055.D

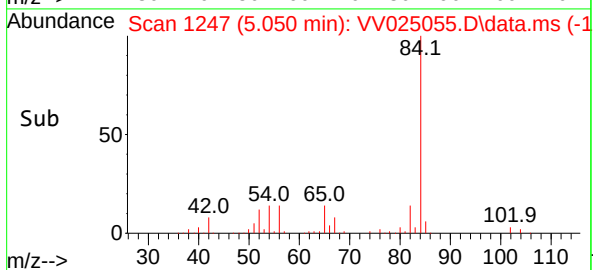
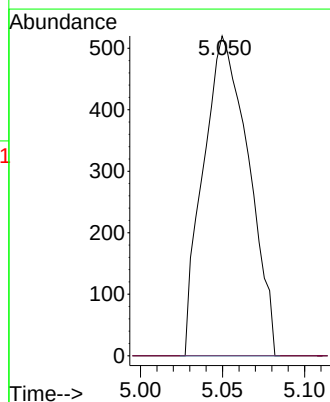
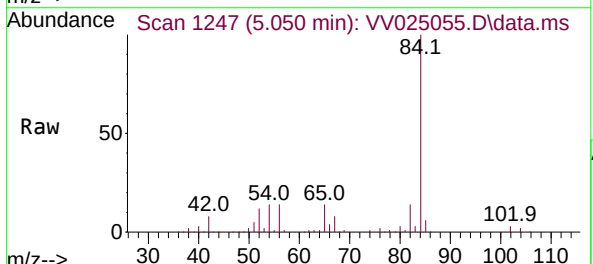
Acq: 16 Mar 2022 18:10

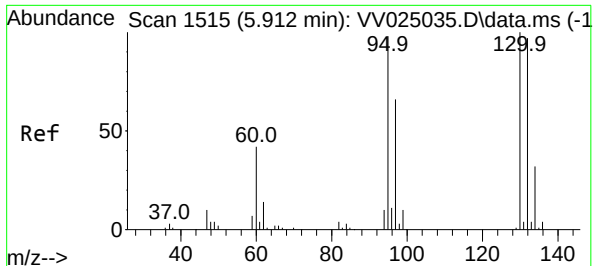
Tgt Ion: 62 Resp: 994

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#

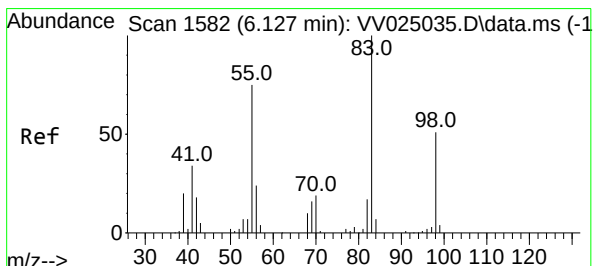
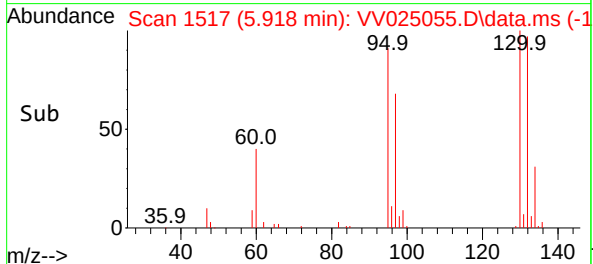
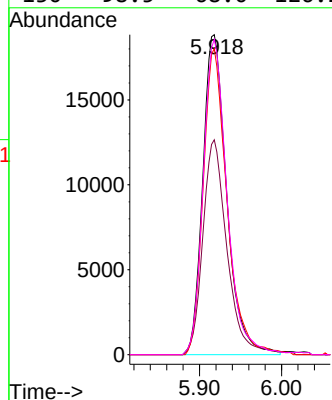
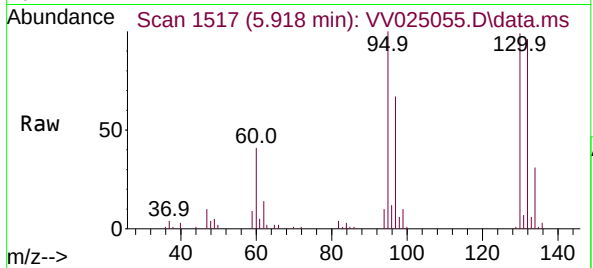




#34
Trichloroethene
Concen: 3.130 ug/L
RT: 5.918 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV025055.D
Acq: 16 Mar 2022 18:10

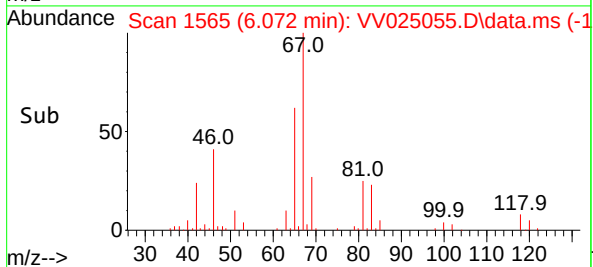
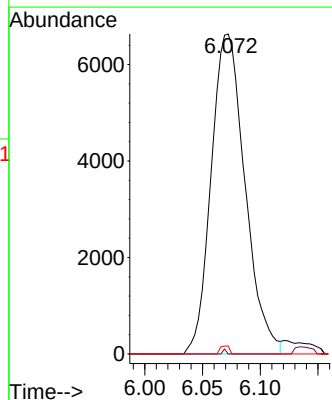
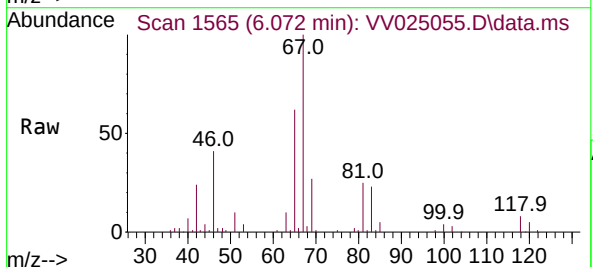
Instrument :
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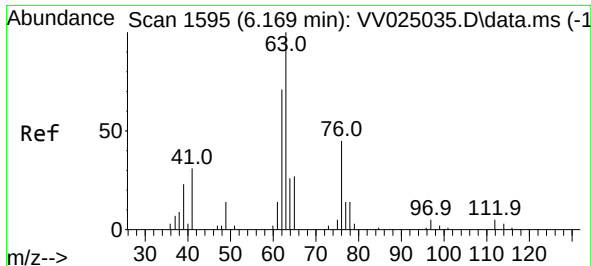
Tgt Ion: 95 Resp: 38142
Ion Ratio Lower Upper
95 100
97 67.1 44.5 82.7
132 95.6 66.5 123.5
130 98.5 68.0 126.2



#35
Methylcyclohexane
Concen: 0.701 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV025055.D
Acq: 16 Mar 2022 18:10

Tgt Ion: 83 Resp: 13530
Ion Ratio Lower Upper
83 100
55 0.1 55.4 83.0#
98 0.7 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.097 min

Lab File: VV025055.D

Acq: 16 Mar 2022 18:10

Instrument :

MSVOA_V

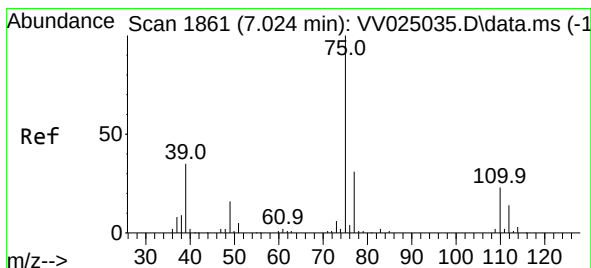
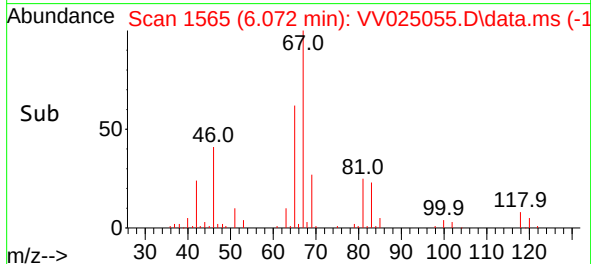
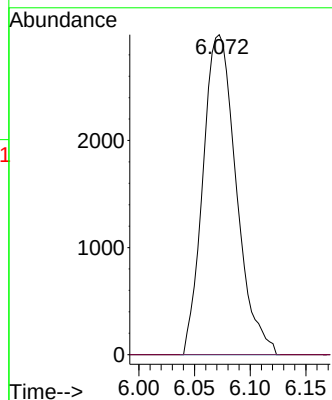
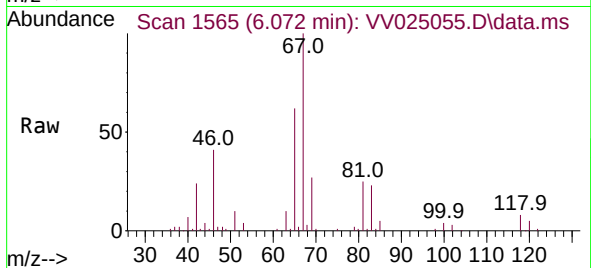
ClientSampleId :

Tgt Ion: 63 Resp: 6213

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.039 min

Lab File: VV025055.D

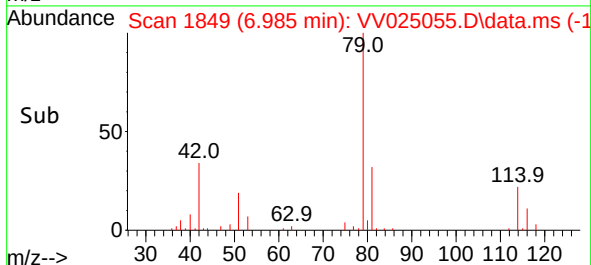
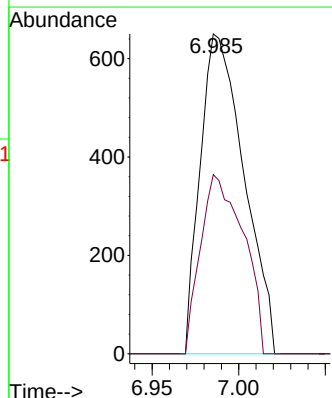
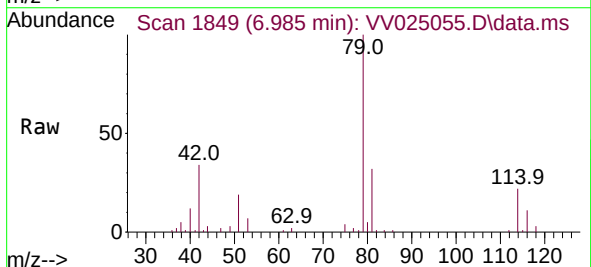
Acq: 16 Mar 2022 18:10

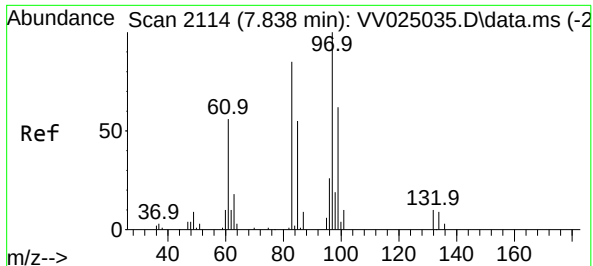
Tgt Ion: 75 Resp: 1140

Ion Ratio Lower Upper

75 100

77 56.0 23.0 42.8#

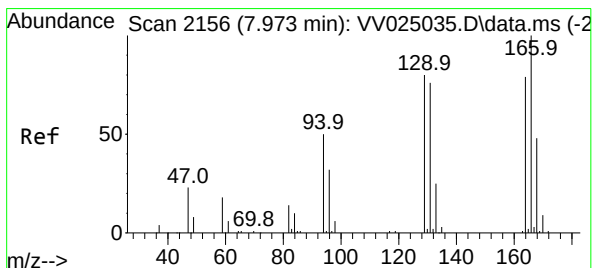
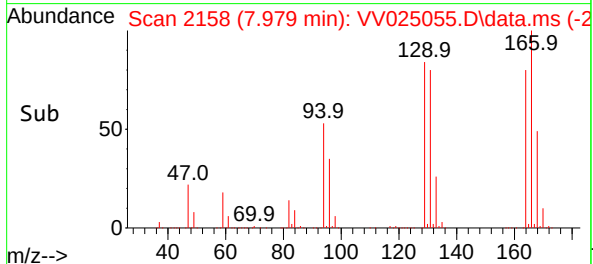
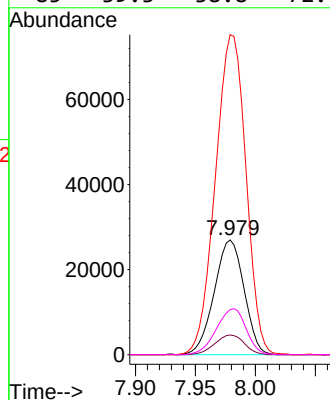
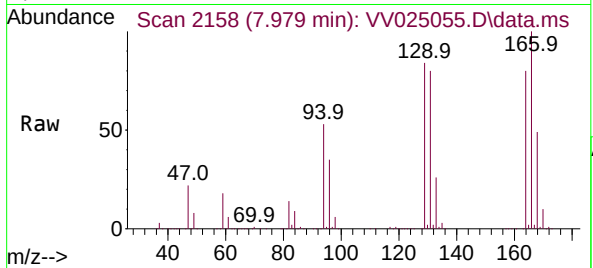




#45
1,1,2-Trichloroethane
Concen: 6.650 ug/L
RT: 7.979 min Scan# 2114
Delta R.T. 0.141 min
Lab File: VV025055.D
Acq: 16 Mar 2022 18:10

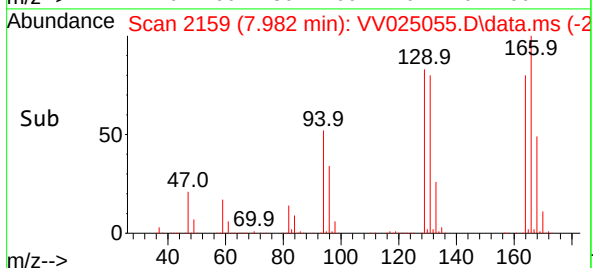
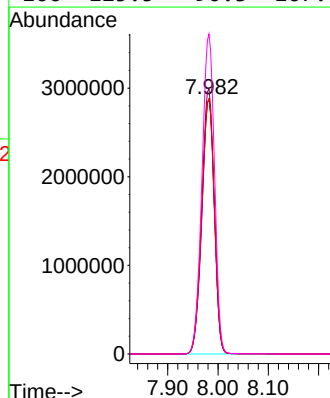
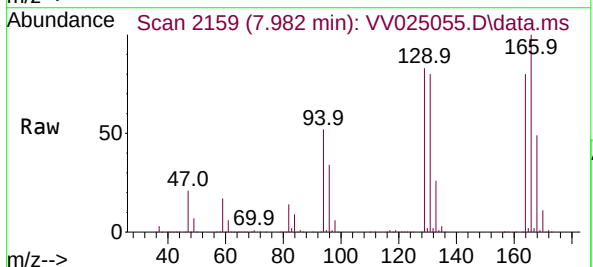
Instrument :
MSVOA_V
ClientSampleId :

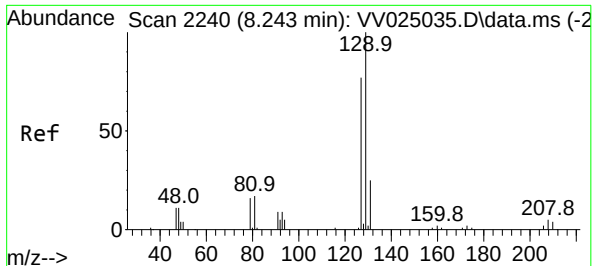
Tgt Ion: 97 Resp: 46717
Ion Ratio Lower Upper
97 100
99 17.2 43.7 81.1#
83 279.1 58.9 109.3#
85 39.3 38.8 72.0



#47
Tetrachloroethene
Concen: 584.291 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VV025055.D
Acq: 16 Mar 2022 18:10

Tgt Ion:164 Resp: 5009436
Ion Ratio Lower Upper
164 100
129 103.8 70.3 130.7
131 100.0 69.4 129.0
166 125.5 90.3 167.7





#49

Dibromochloromethane

Concen: 652.582 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.261 min

Lab File: VV025055.D

Acq: 16 Mar 2022 18:10

Instrument :

MSVOA_V

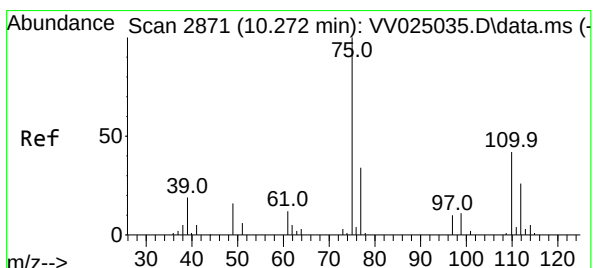
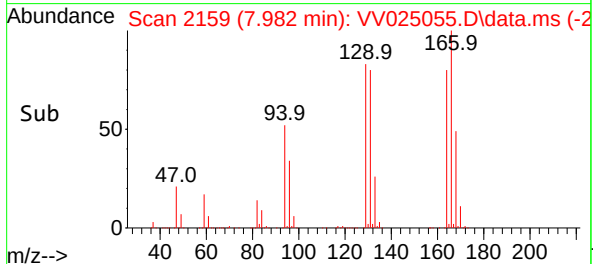
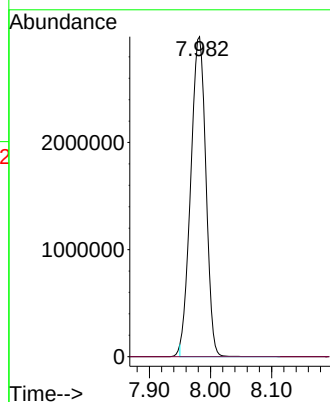
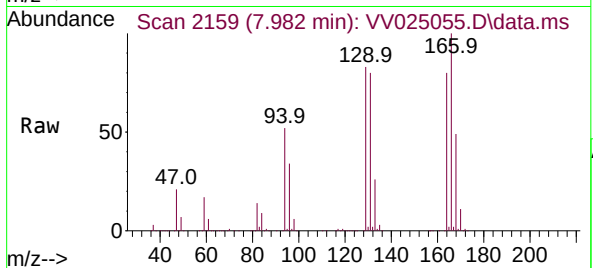
ClientSampleId :

Tgt Ion:129 Resp: 5131973

Ion Ratio Lower Upper

129 100

127 0.0 54.9 102.1#



#61

1,2,3-Trichloropropane

Concen: 0.082 ug/L

RT: 10.014 min Scan# 2791

Delta R.T. -0.257 min

Lab File: VV025055.D

Acq: 16 Mar 2022 18:10

Tgt Ion: 75 Resp: 396

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

110 0.0 31.2 46.8#

