

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027641.D
 Acq On : 01 Sep 2022 01:56
 Operator : SY/MD
 Sample : N4370-03DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 04:16:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:22:45 2022
 Response via : Initial Calibration

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

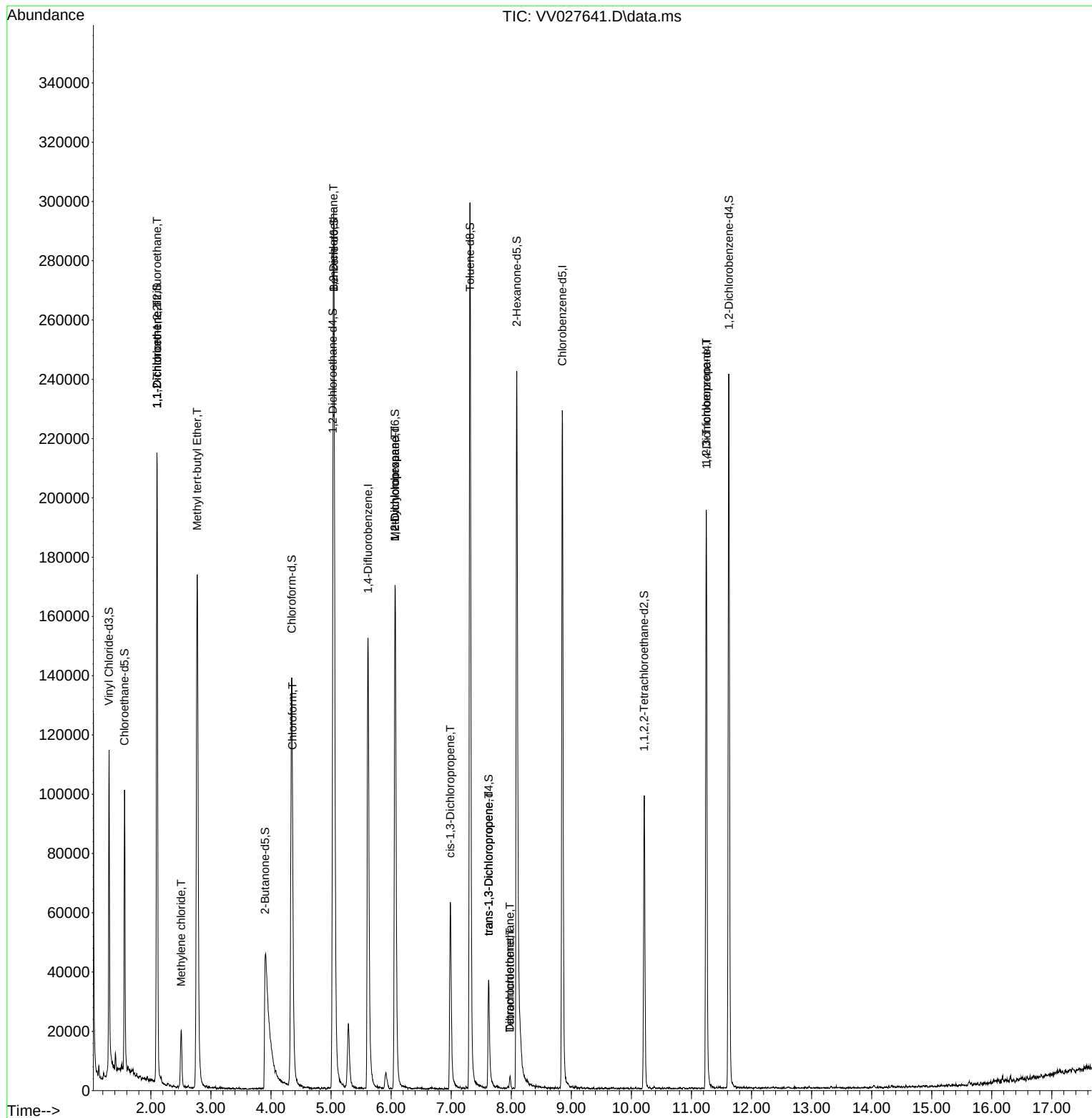
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	131654	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	128165	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50318	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71262	4.982	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.561	69	61011	5.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.000%
11) 1,1-Dichloroethene-d2	2.101	63	114812	4.102	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	3.902	46	110919	45.869	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.740%
24) Chloroform-d	4.346	84	142170	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.031	65	68088	5.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.047	84	268148	5.108	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.066	67	81484	5.018	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.400%
41) Toluene-d8	7.313	98	202835	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.622	79	22861	4.570	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.091	63	82191	43.690	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46255	4.426	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	61428	5.453	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1113	0.093	ug/L #	19
12) 1,1-Dichloroethene	2.101	96	994	0.090	ug/L #	1
16) Methylene chloride	2.503	84	7838	0.565	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	168693	7.186	ug/L	99
25) Chloroform	4.359	83	2474	0.097	ug/L #	53
27) 1,2-Dichloroethane	5.040	62	1536	0.110	ug/L #	77
35) Methylcyclohexane	6.066	83	20218	1.060	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	9016	0.714	ug/L #	91
39) cis-1,3-Dichloropropene	6.985	75	1494	0.097	ug/L	85
44) trans-1,3-Dichloropropene	7.622	75	1188	0.095	ug/L #	75
47) Tetrachloroethene	7.979	164	669	0.067	ug/L	93
49) Dibromochloromethane	7.979	129	886	0.092	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	6029	1.184	ug/L #	67

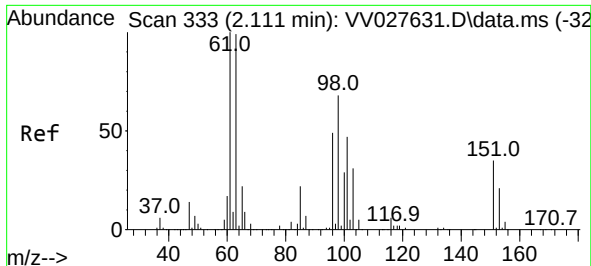
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 01 02:22:45 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.093 ug/L

RT: 2.101 min Scan# 330

Delta R.T. -0.010 min

Lab File: VV027641.D

Acq: 01 Sep 2022 01:56

Instrument :

MSVOA_V

ClientSampleId :

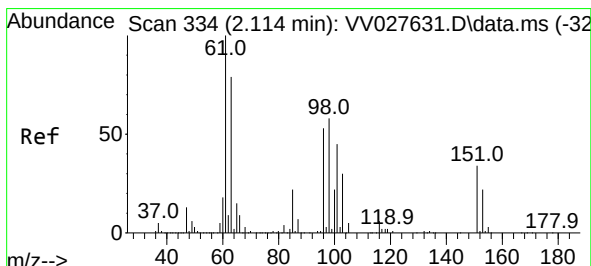
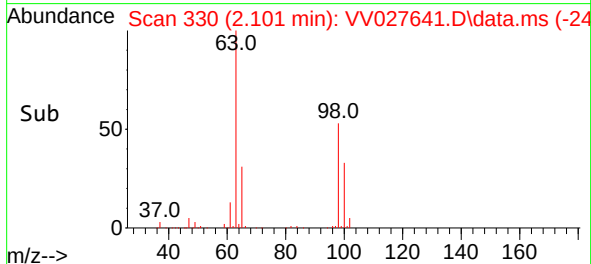
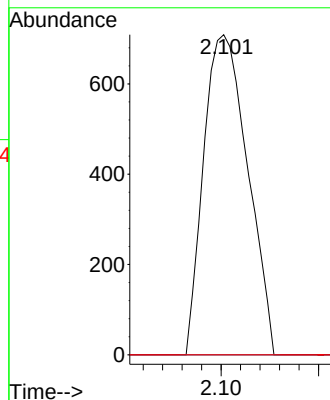
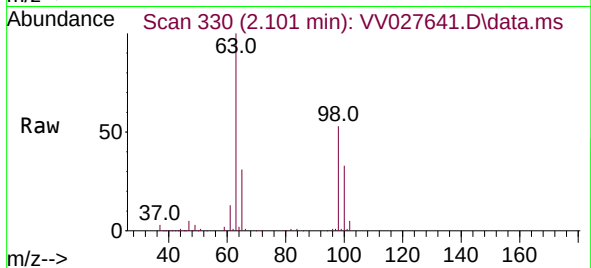
Tgt Ion:101 Resp: 1113

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

151 0.0 60.9 91.3#



#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 2.101 min Scan# 330

Delta R.T. -0.013 min

Lab File: VV027641.D

Acq: 01 Sep 2022 01:56

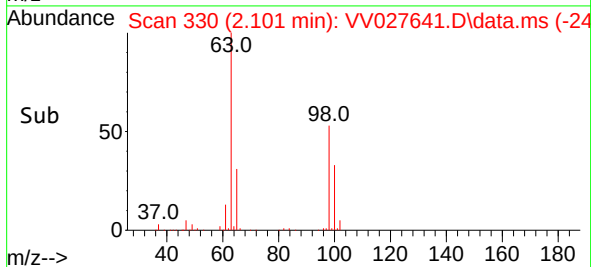
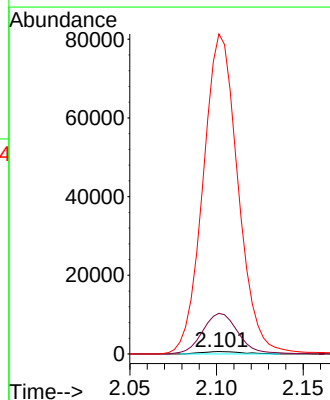
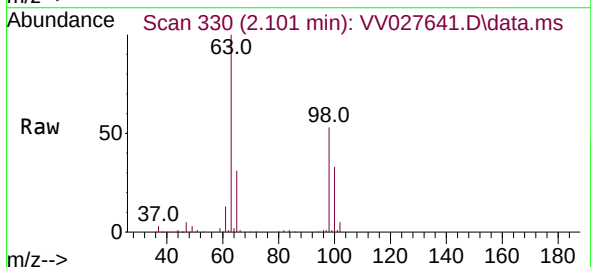
Tgt Ion: 96 Resp: 994

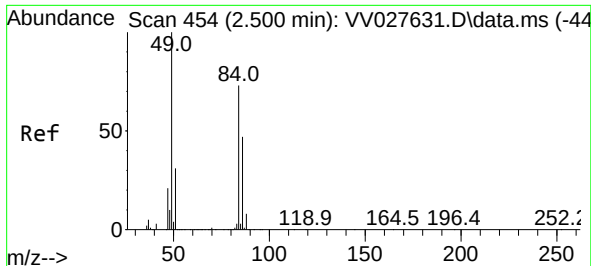
Ion Ratio Lower Upper

96 100

61 1735.5 134.3 249.3#

63 13671.3 105.7 196.3#

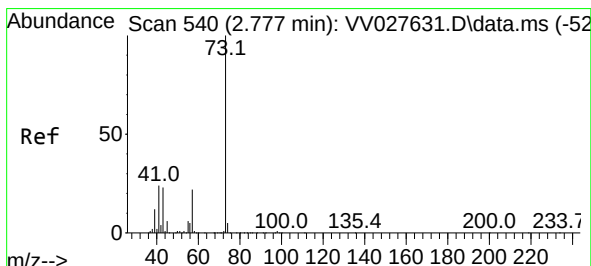
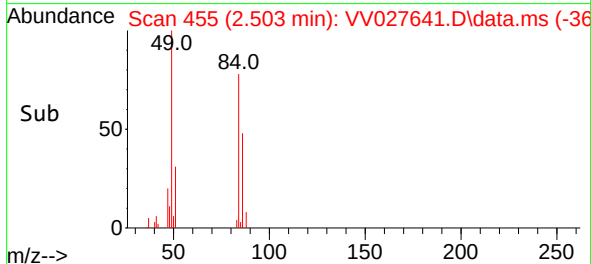
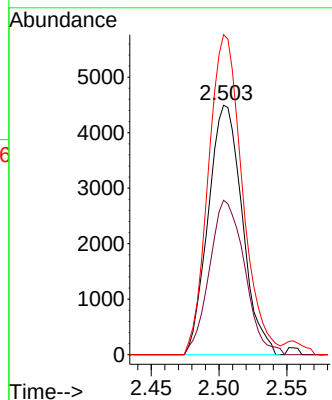
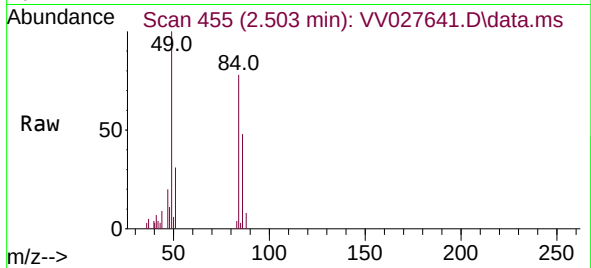




#16
Methylene chloride
Concen: 0.565 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027641.D
Acq: 01 Sep 2022 01:56

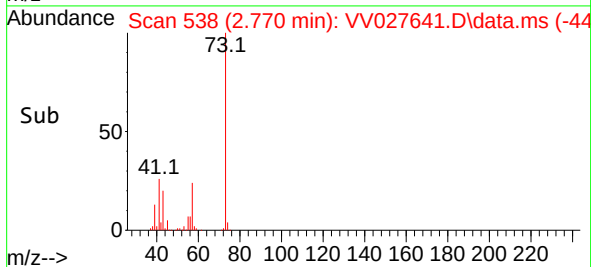
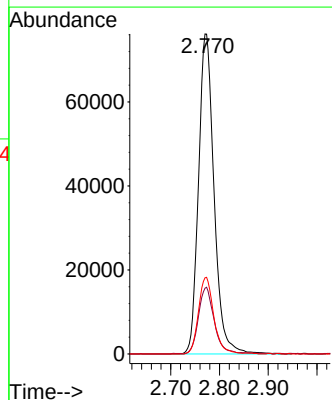
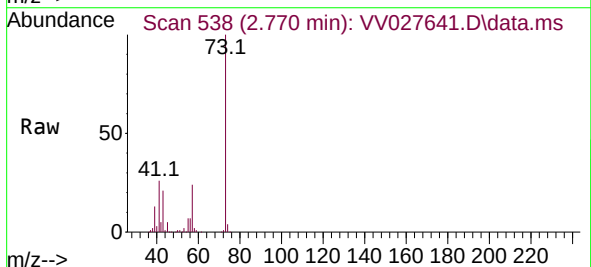
Instrument :
MSVOA_V
ClientSampleId :

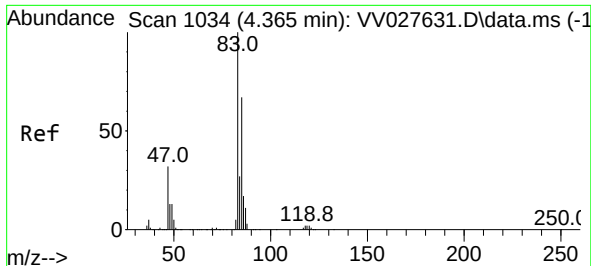
Tgt Ion: 84 Resp: 7838
Ion Ratio Lower Upper
84 100
86 61.9 43.9 81.5
49 128.3 92.5 171.7



#17
Methyl tert-butyl Ether
Concen: 7.186 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.007 min
Lab File: VV027641.D
Acq: 01 Sep 2022 01:56

Tgt Ion: 73 Resp: 168693
Ion Ratio Lower Upper
73 100
43 21.1 16.5 24.7
57 23.6 18.2 27.2





#25

Chloroform

Concen: 0.097 ug/L

RT: 4.359 min Scan# 1034

Delta R.T. -0.007 min

Lab File: VV027641.D

Acq: 01 Sep 2022 01:56

Instrument :

MSVOA_V

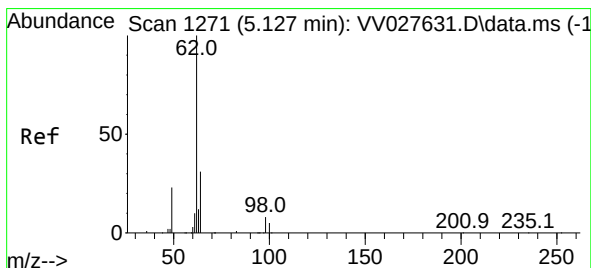
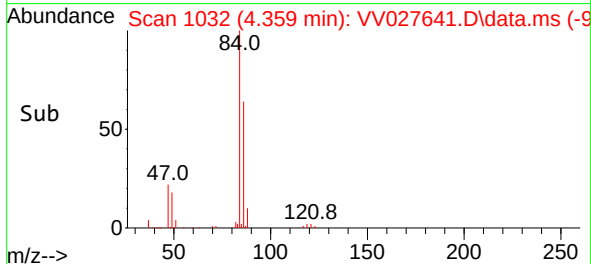
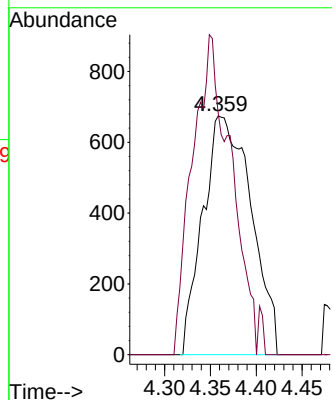
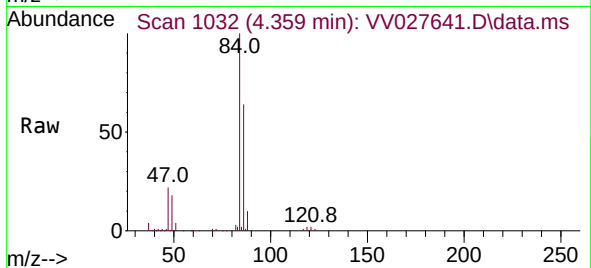
ClientSampleId :

Tgt Ion: 83 Resp: 2474

Ion Ratio Lower Upper

83 100

85 100.9 44.7 83.1#



#27

1,2-Dichloroethane

Concen: 0.110 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.087 min

Lab File: VV027641.D

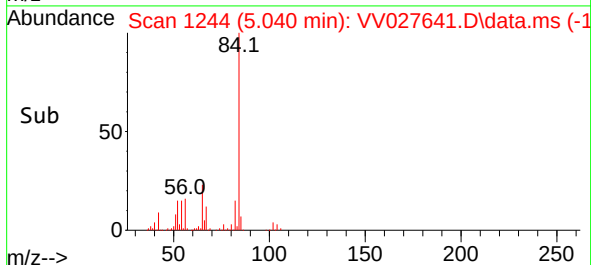
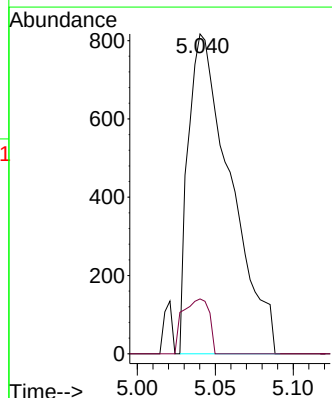
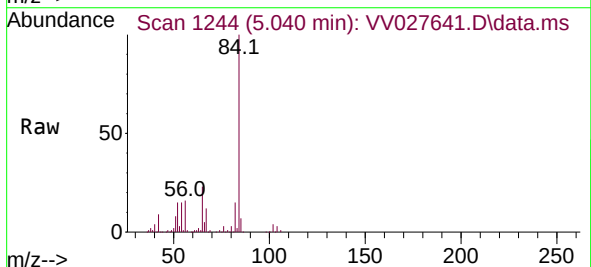
Acq: 01 Sep 2022 01:56

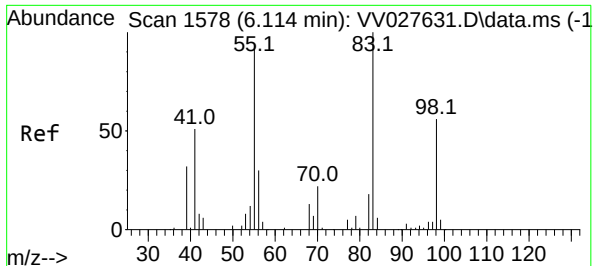
Tgt Ion: 62 Resp: 1536

Ion Ratio Lower Upper

62 100

98 17.1 7.0 10.6#





#35

Methylcyclohexane

Concen: 1.060 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.048 min

Lab File: VV027641.D

Acq: 01 Sep 2022 01:56

Instrument :

MSVOA_V

ClientSampleId :

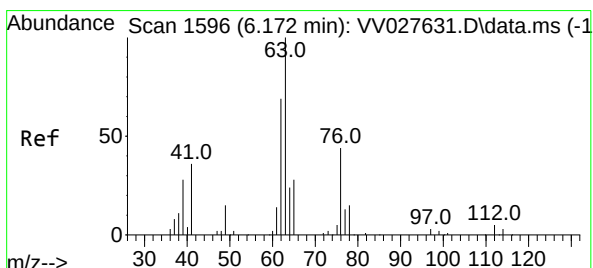
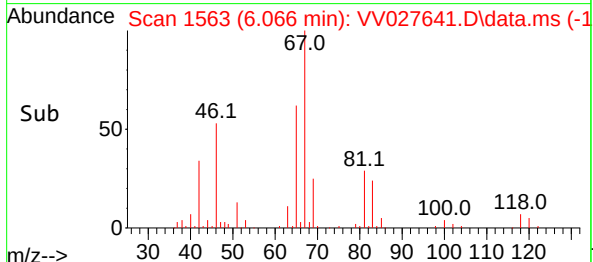
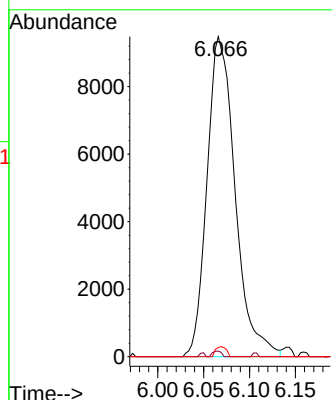
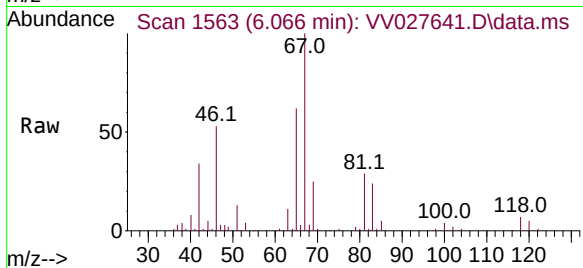
Tgt Ion: 83 Resp: 20218

Ion Ratio Lower Upper

83 100

55 0.5 66.0 99.0#

98 1.2 36.9 55.3#



#37

1,2-Dichloropropane

Concen: 0.714 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV027641.D

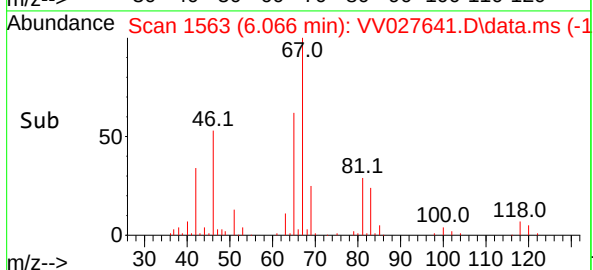
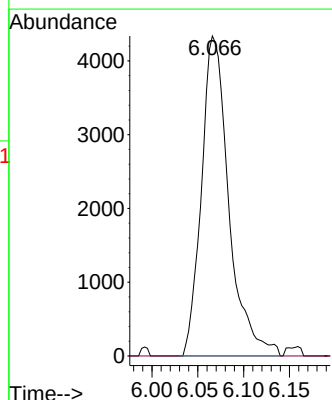
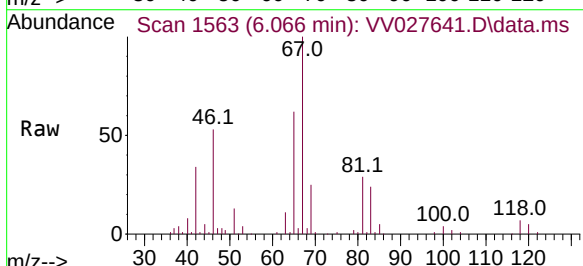
Acq: 01 Sep 2022 01:56

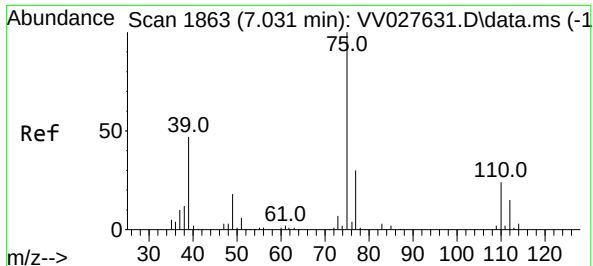
Tgt Ion: 63 Resp: 9016

Ion Ratio Lower Upper

63 100

112 0.5 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV027641.D

Acq: 01 Sep 2022 01:56

Instrument :

MSVOA_V

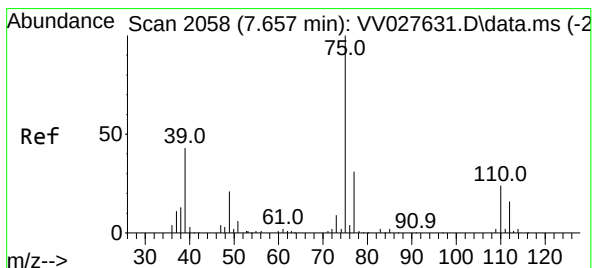
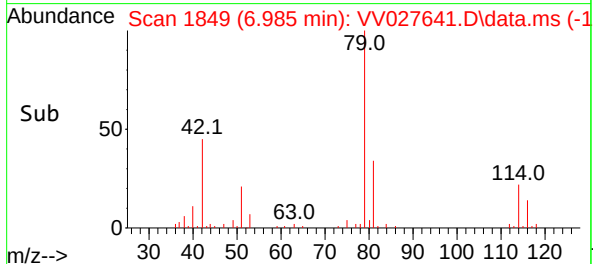
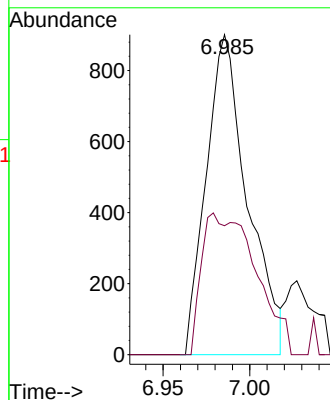
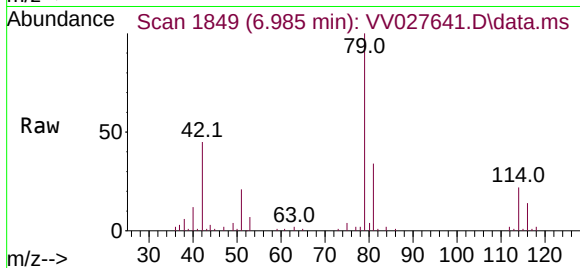
ClientSampleId :

Tgt Ion: 75 Resp: 1494

Ion Ratio Lower Upper

75 100

77 40.3 22.3 41.3



#44

trans-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.035 min

Lab File: VV027641.D

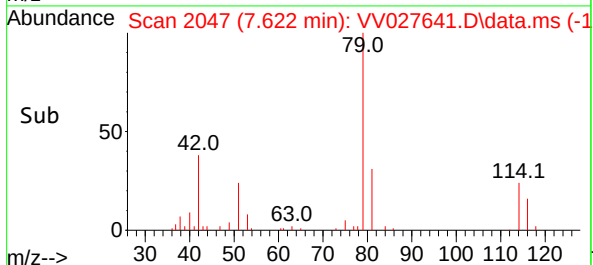
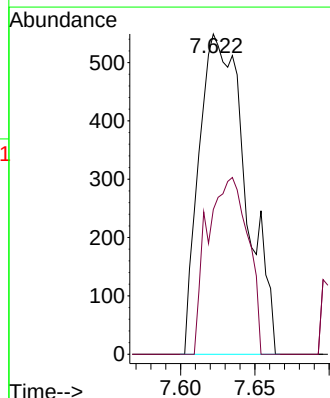
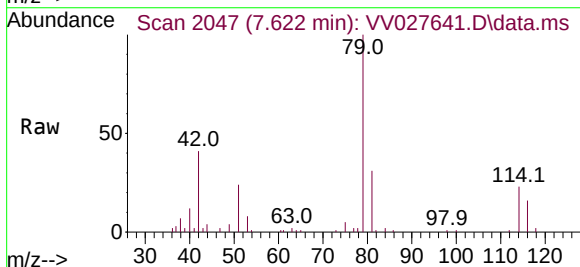
Acq: 01 Sep 2022 01:56

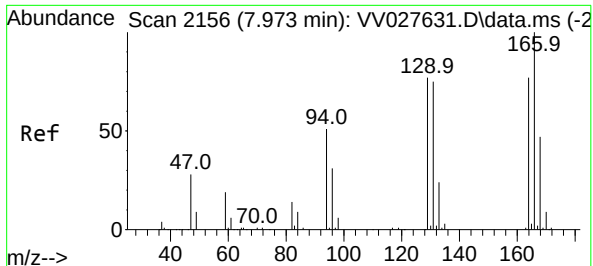
Tgt Ion: 75 Resp: 1188

Ion Ratio Lower Upper

75 100

77 45.2 22.0 41.0#





#47

Tetrachloroethene

Concen: 0.067 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

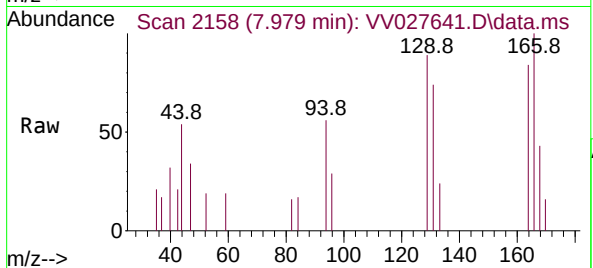
Lab File: VV027641.D

Acq: 01 Sep 2022 01:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 669

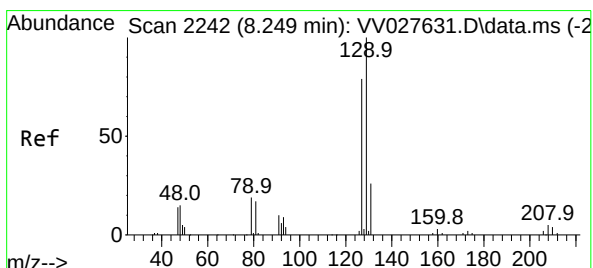
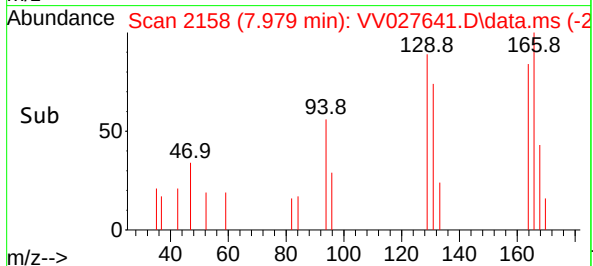
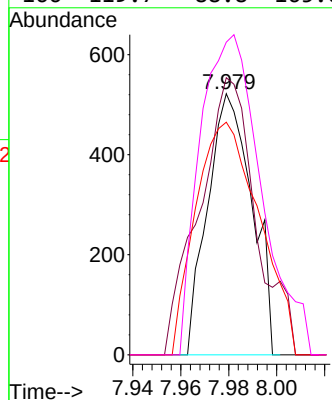
Ion Ratio Lower Upper

164 100

129 106.1 65.9 122.3

131 89.1 64.5 119.7

166 119.7 88.8 165.0



#49

Dibromochloromethane

Concen: 0.092 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.270 min

Lab File: VV027641.D

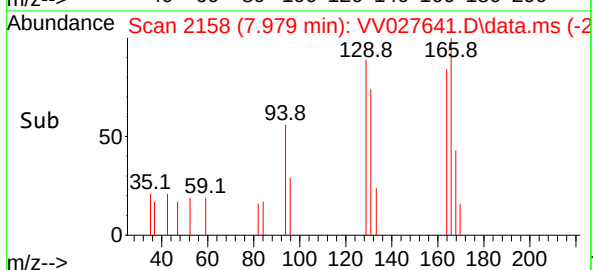
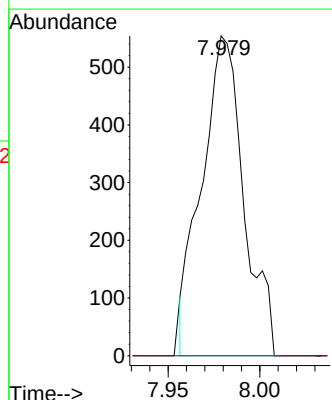
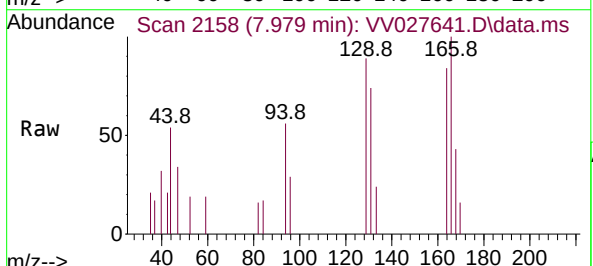
Acq: 01 Sep 2022 01:56

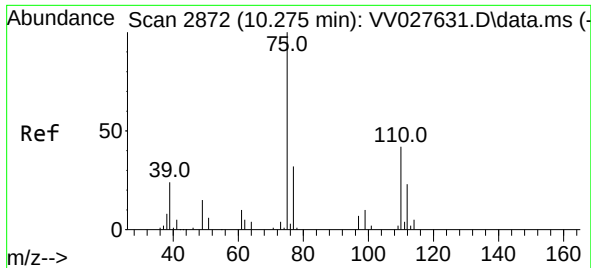
Tgt Ion:129 Resp: 886

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#





#61

1,2,3-Trichloropropane

Concen: 1.184 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.971 min

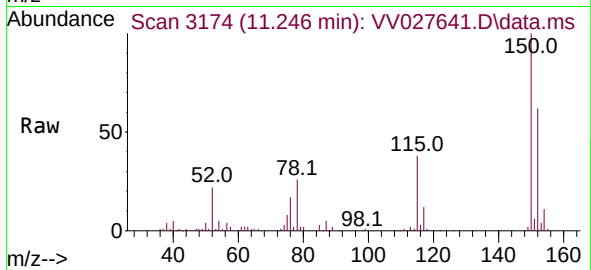
Lab File: VV027641.D

Acq: 01 Sep 2022 01:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6029

Ion Ratio Lower Upper

75 100

77 34.1 25.8 38.6

110 2.1 29.8 44.8#

