

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027703.D
 Acq On : 02 Sep 2022 06:43
 Operator : SY/MD
 Sample : N4402-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 04:13:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 03:03:49 2022
 Response via : Initial Calibration

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

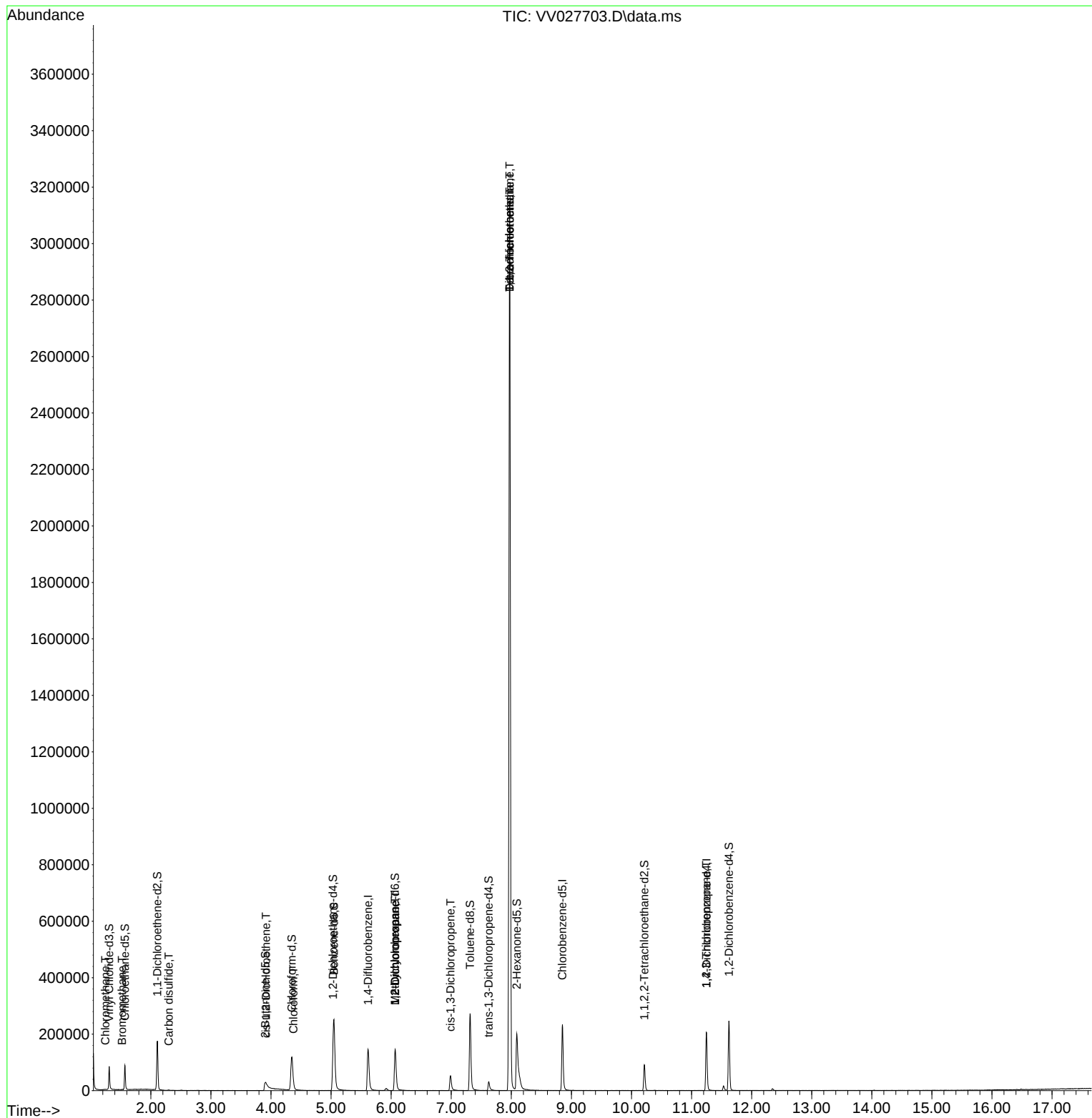
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	132292	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	129152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56096	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56440	3.927	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.600%
7) Chloroethane-d5	1.568	69	54137	4.502	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.108	63	91775	3.263	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.905	46	66474	27.357	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	54.720%
24) Chloroform-d	4.346	84	124683	4.321	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.031	65	59422	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.047	84	235242	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.066	67	69170	4.227	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.313	98	187071	4.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.622	79	20365	4.040	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.091	63	91580	48.309	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.620%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44136	4.191	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	62683	4.991	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	788	0.046	ug/L	99
6) Bromomethane	1.519	94	509	0.066	ug/L #	56
14) Carbon disulfide	2.297	76	2026	0.058	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	1825	0.146	ug/L	92
25) Chloroform	4.371	83	3674	0.143	ug/L	97
35) Methylcyclohexane	6.066	83	17728	0.923	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	8068	0.634	ug/L #	89
39) cis-1,3-Dichloropropene	6.989	75	1605	0.103	ug/L #	49
45) 1,1,2-Trichloroethane	7.969	97	6009	0.732	ug/L #	2
47) Tetrachloroethene	7.973	164	676863	67.416	ug/L	99
49) Dibromochloromethane	7.973	129	633007	65.115	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	6274	1.105	ug/L #	66

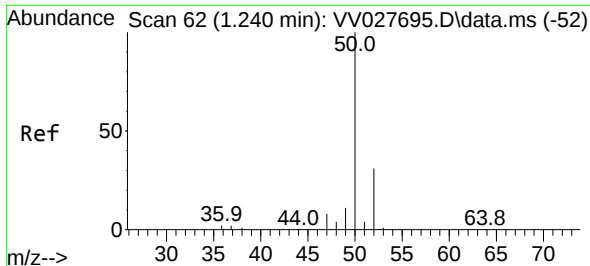
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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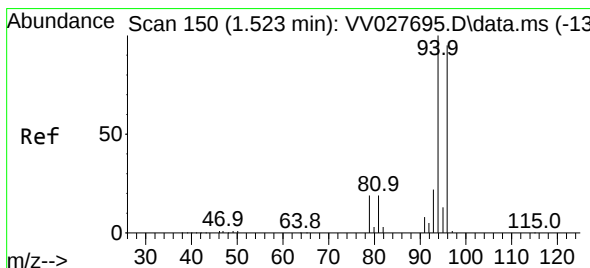
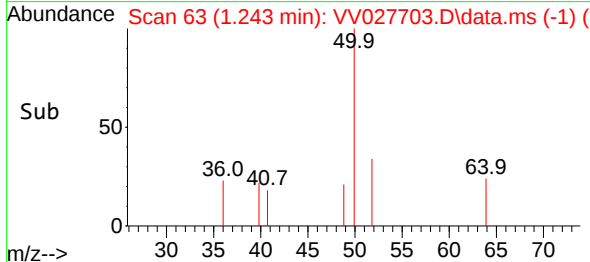
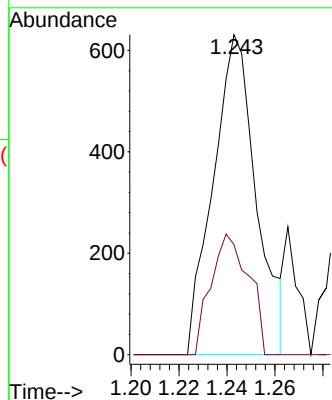
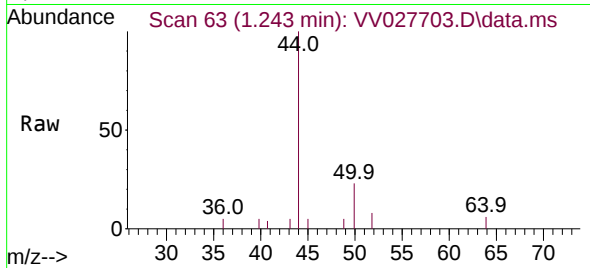




#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027703.D
Acq: 02 Sep 2022 06:43

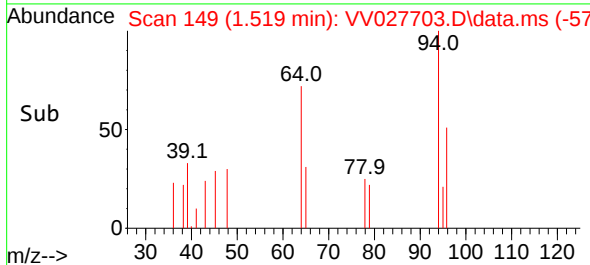
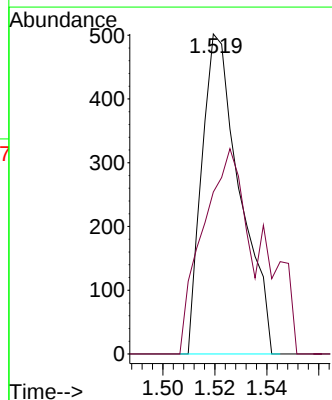
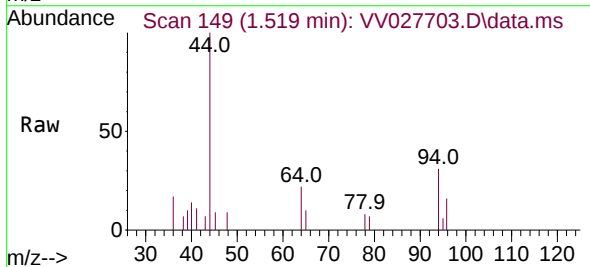
Instrument :
MSVOA_V
ClientSampleId :

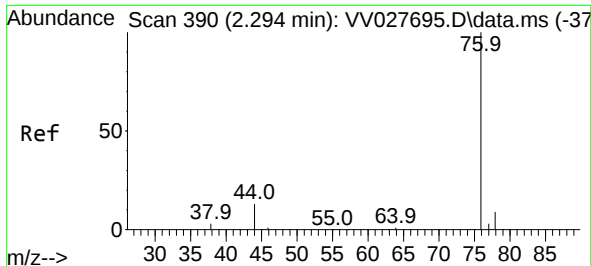
Tgt Ion: 50 Resp: 788
Ion Ratio Lower Upper
50 100
52 34.4 23.5 43.7



#6
Bromomethane
Concen: 0.066 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.003 min
Lab File: VV027703.D
Acq: 02 Sep 2022 06:43

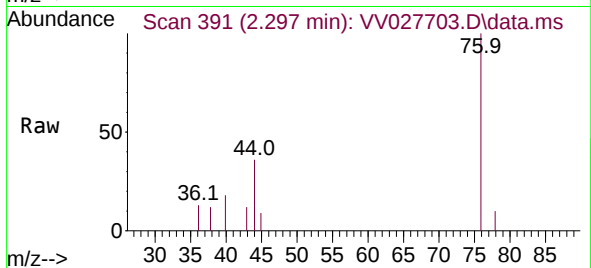
Tgt Ion: 94 Resp: 509
Ion Ratio Lower Upper
94 100
96 50.6 65.1 120.9#



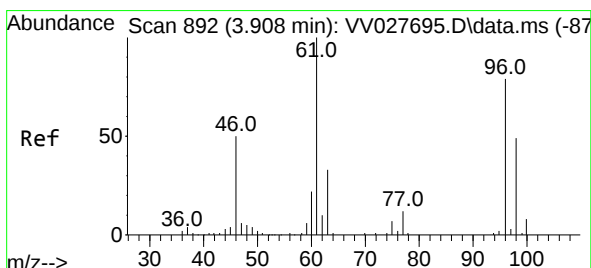
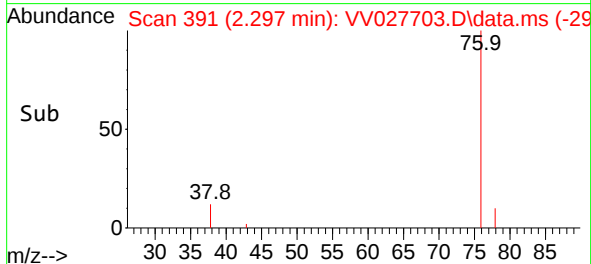
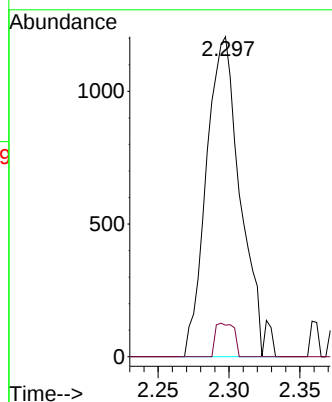


#14
Carbon disulfide
Concen: 0.058 ug/L
RT: 2.297 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV027703.D
Acq: 02 Sep 2022 06:43

Instrument :
MSVOA_V
ClientSampleId :

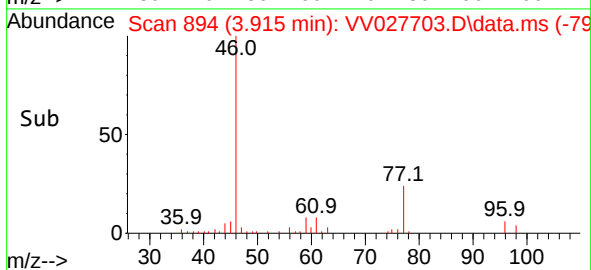
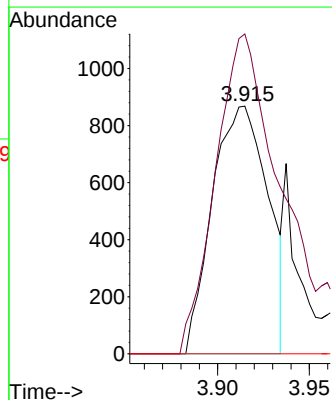
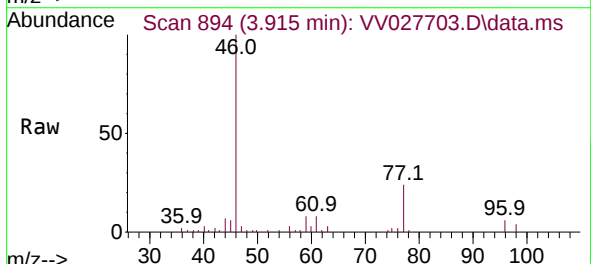


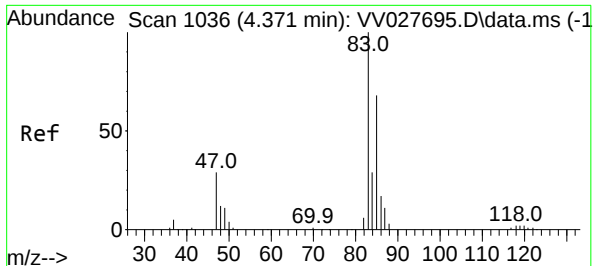
Tgt Ion: 76 Resp: 2026
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



#22
cis-1,2-Dichloroethene
Concen: 0.146 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV027703.D
Acq: 02 Sep 2022 06:43

Tgt Ion: 96 Resp: 1825
Ion Ratio Lower Upper
96 100
61 129.1 96.9 180.1
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.143 ug/L

RT: 4.371 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027703.D

Acq: 02 Sep 2022 06:43

Instrument :

MSVOA_V

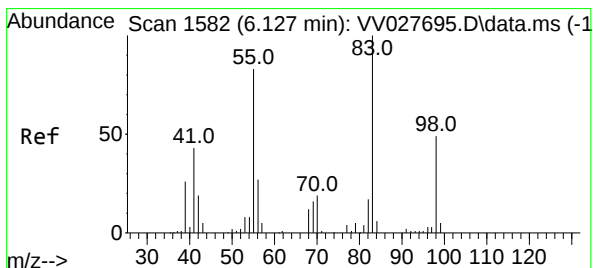
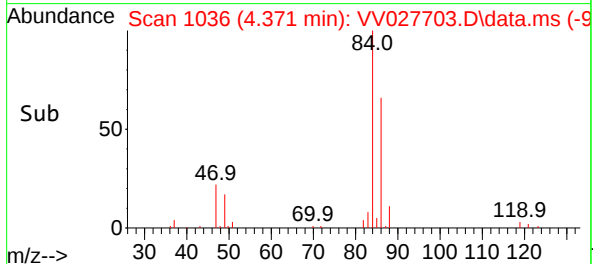
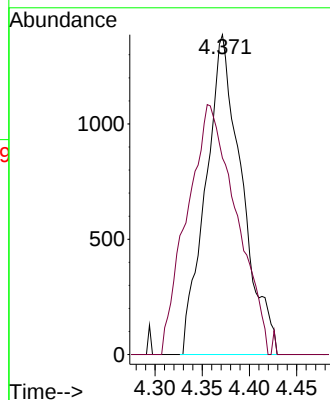
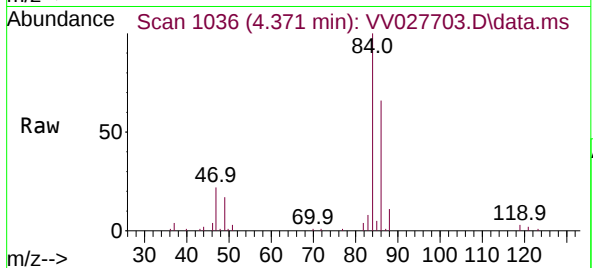
ClientSampleId :

Tgt Ion: 83 Resp: 3674

Ion Ratio Lower Upper

83 100

85 61.4 44.7 83.1



#35

Methylcyclohexane

Concen: 0.923 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027703.D

Acq: 02 Sep 2022 06:43

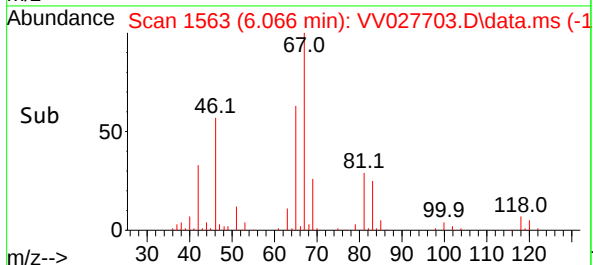
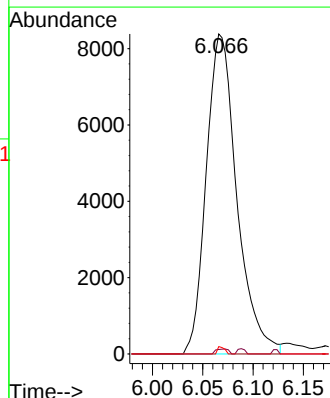
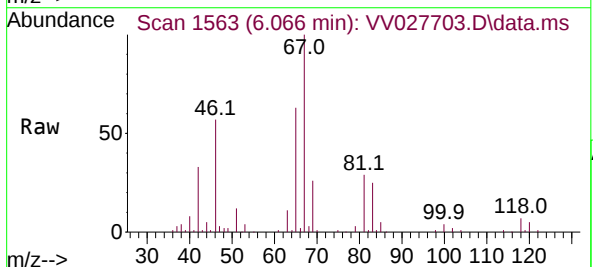
Tgt Ion: 83 Resp: 17728

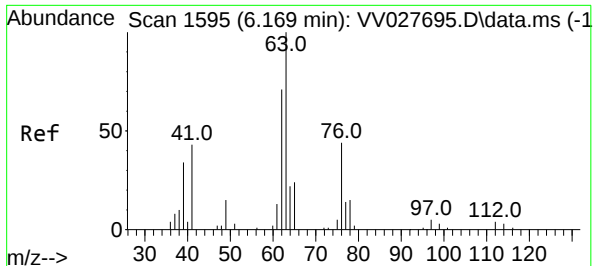
Ion Ratio Lower Upper

83 100

55 0.6 66.0 99.0#

98 0.5 36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.634 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV027703.D

Acq: 02 Sep 2022 06:43

Instrument :

MSVOA_V

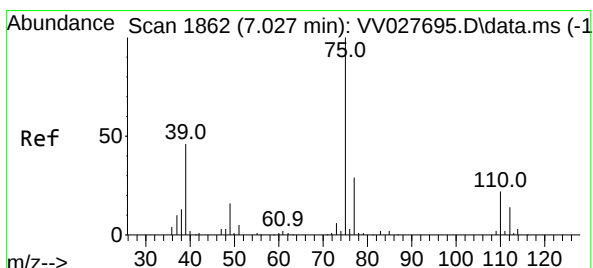
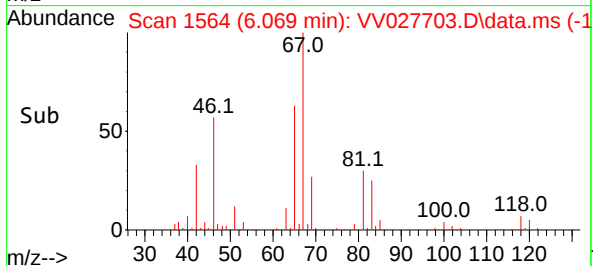
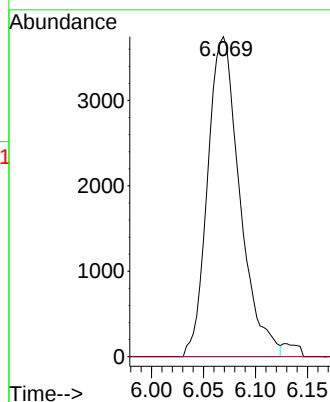
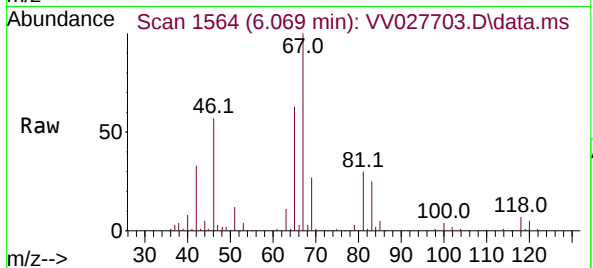
ClientSampleId :

Tgt Ion: 63 Resp: 8068

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV027703.D

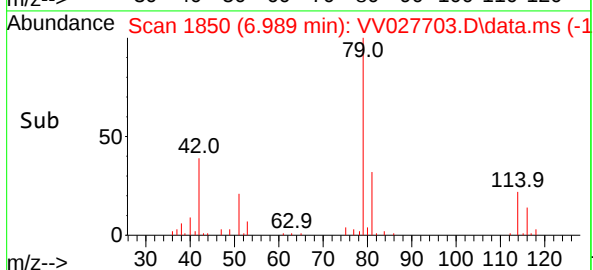
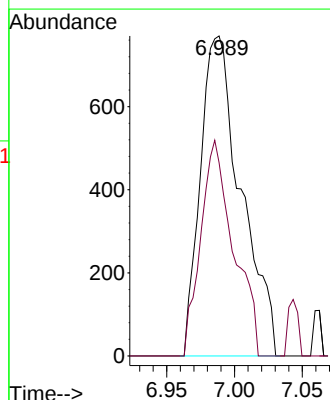
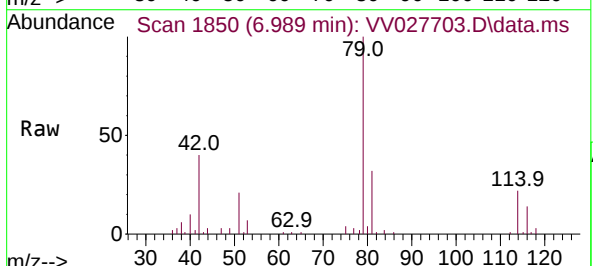
Acq: 02 Sep 2022 06:43

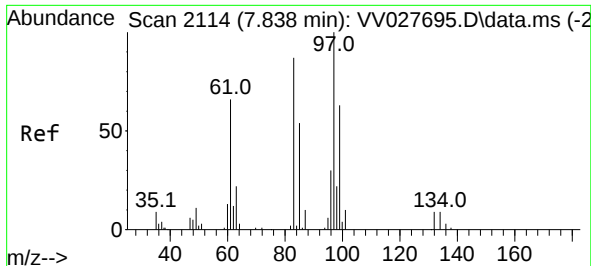
Tgt Ion: 75 Resp: 1605

Ion Ratio Lower Upper

75 100

77 60.4 22.3 41.3#





#45

1,1,2-Trichloroethane

Concen: 0.732 ug/L

RT: 7.969 min Scan# 2115

Delta R.T. 0.132 min

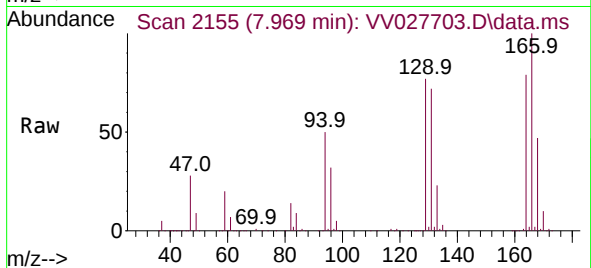
Lab File: VV027703.D

Acq: 02 Sep 2022 06:43

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 6009

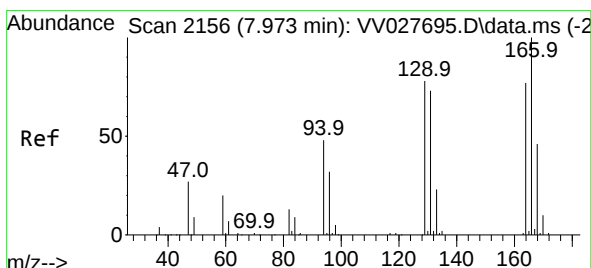
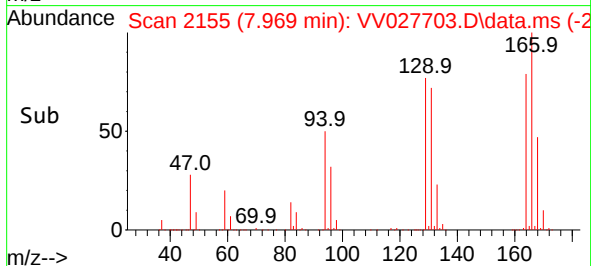
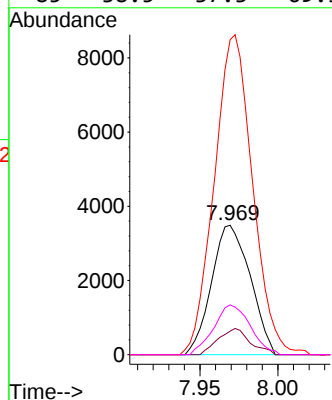
Ion Ratio Lower Upper

97 100

99 18.1 41.3 76.7#

83 243.2 57.5 106.9#

85 38.5 37.3 69.3



#47

Tetrachloroethene

Concen: 67.416 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027703.D

Acq: 02 Sep 2022 06:43

Tgt Ion:164 Resp: 676863

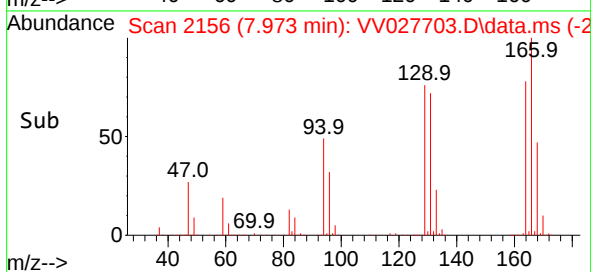
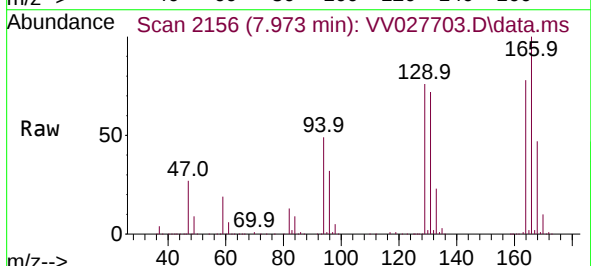
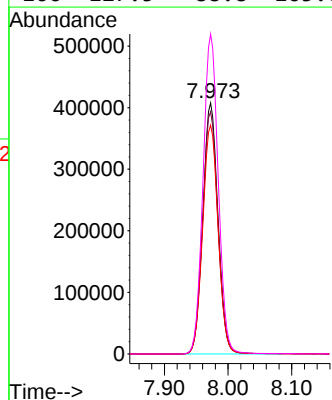
Ion Ratio Lower Upper

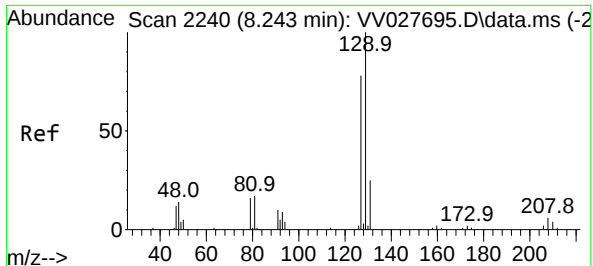
164 100

129 96.5 65.9 122.3

131 91.2 64.5 119.7

166 127.5 88.8 165.0





#49

Dibromochloromethane

Concen: 65.115 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027703.D

Acq: 02 Sep 2022 06:43

Instrument :

MSVOA_V

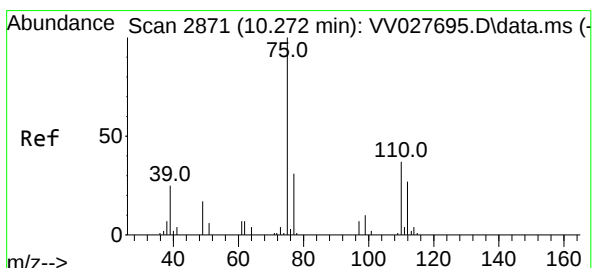
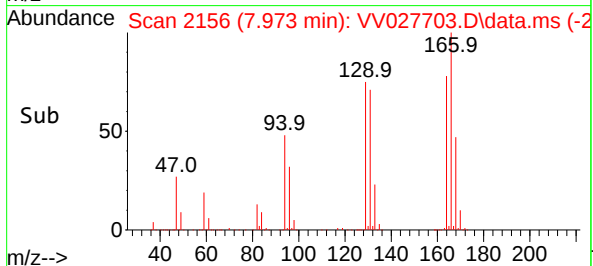
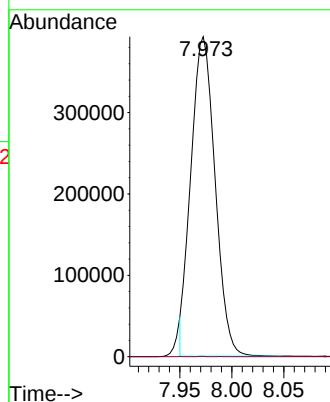
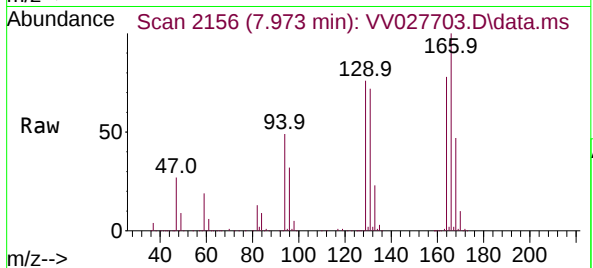
ClientSampleId :

Tgt Ion:129 Resp: 633007

Ion Ratio Lower Upper

129 100

127 0.1 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.105 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027703.D

Acq: 02 Sep 2022 06:43

Tgt Ion: 75 Resp: 6274

Ion Ratio Lower Upper

75 100

77 35.8 25.8 38.6

110 2.3 29.8 44.8#

