

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027596.D
 Acq On : 30 Aug 2022 19:19
 Operator : SY/MD
 Sample : N4400-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 04:50:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

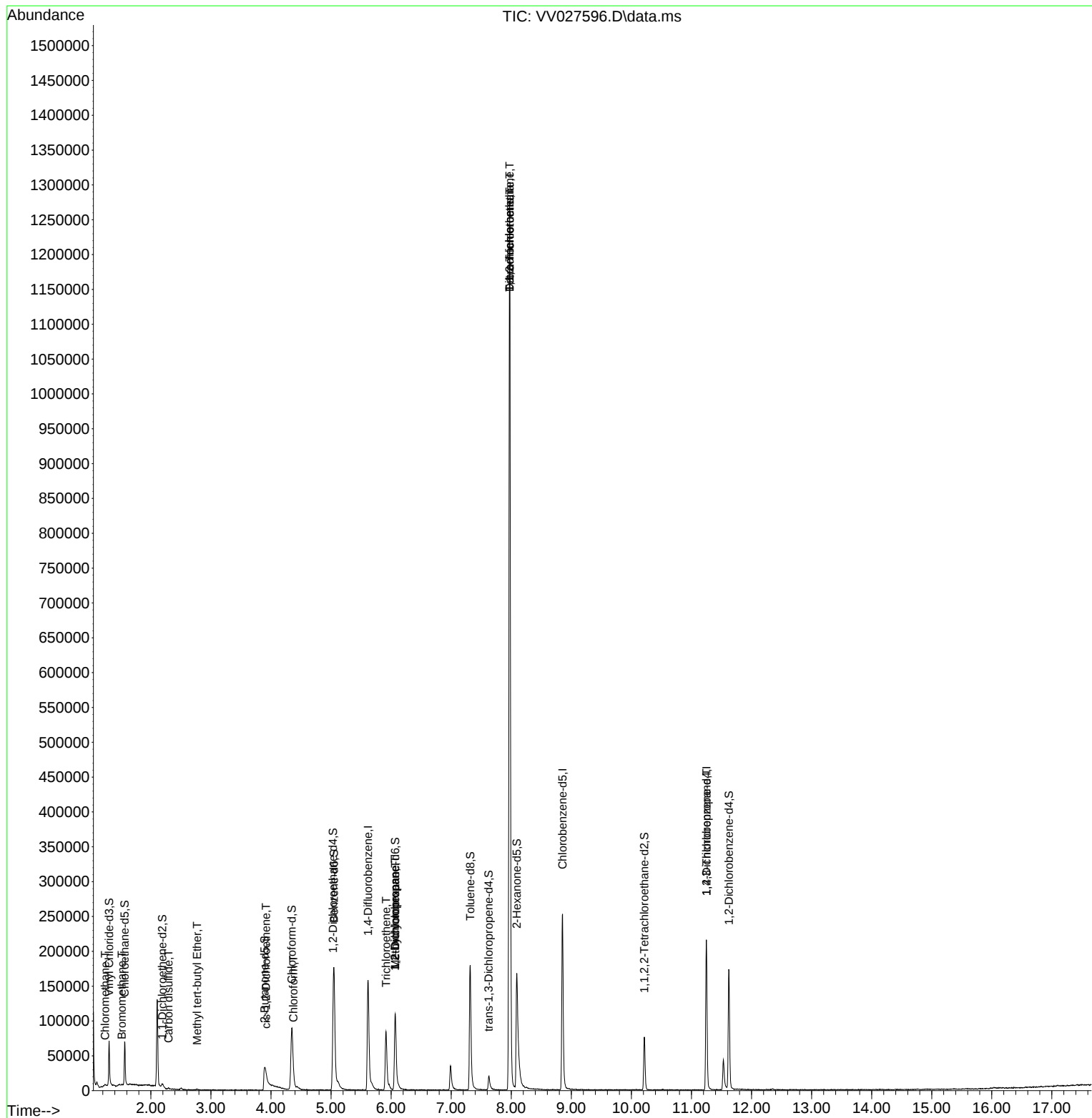
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	139687	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	140539	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55292	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47172	4.745	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.565	69	39565	5.438	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.800%
11) 1,1-Dichloroethene-d2	2.192	63	4582	0.198	ug/L	0.09
Spiked Amount	5.000	Range	60 - 125	Recovery	=	4.000%#
20) 2-Butanone-d5	3.892	46	64054	51.772	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.540%
24) Chloroform-d	4.346	84	90175	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.034	65	41210	4.792	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
32) Benzene-d6	5.047	84	158057	4.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.069	67	56391	4.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.317	98	124248	3.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	7.625	79	13131	3.389	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.800%
46) 2-Hexanone-d5	8.092	63	64401	50.487	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.980%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36630	5.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	43796	5.343	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1198	0.093	ug/L	98
6) Bromomethane	1.516	94	340	0.053	ug/L	91
14) Carbon disulfide	2.294	76	1779	0.061	ug/L #	86
17) Methyl tert-butyl Ether	2.770	73	723	0.033	ug/L #	83
22) cis-1,2-Dichloroethene	3.918	96	4182	0.360	ug/L	92
25) Chloroform	4.375	83	9361	0.382	ug/L	94
34) Trichloroethene	5.915	95	32012	2.603	ug/L	97
35) Methylcyclohexane	6.069	83	14097	0.815	ug/L #	15
37) 1,2-Dichloropropane	6.066	63	6389	0.513	ug/L #	85
45) 1,1,2-Trichloroethane	7.973	97	2454	0.308	ug/L #	1
47) Tetrachloroethene	7.973	164	279835	29.211	ug/L	97
49) Dibromochloromethane	7.973	129	262827	26.834	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	6907	1.424	ug/L #	66

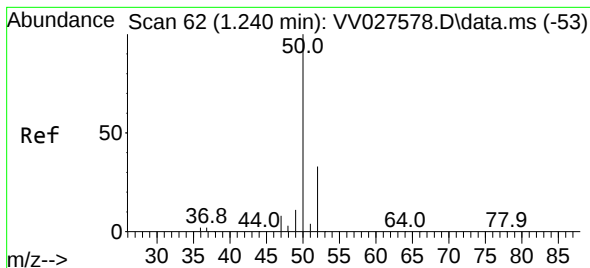
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.093 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV027596.D

Acq: 30 Aug 2022 19:19

Instrument :

MSVOA_V

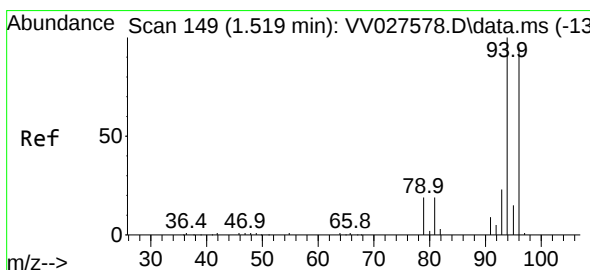
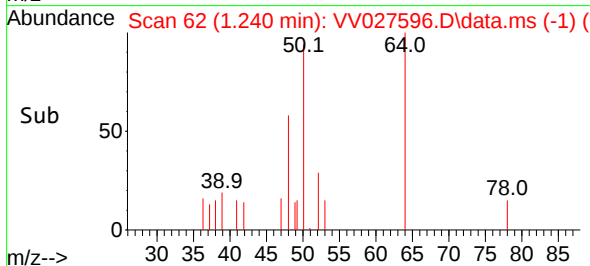
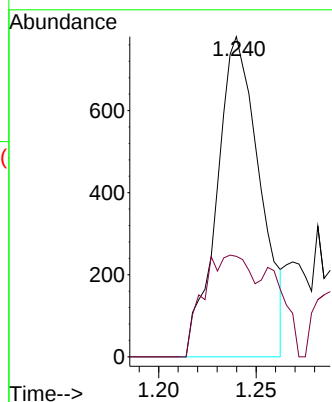
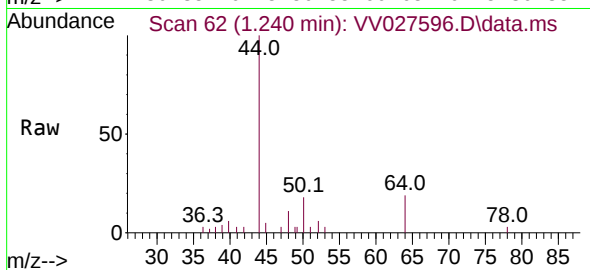
ClientSampleId :

Tgt Ion: 50 Resp: 1198

Ion Ratio Lower Upper

50 100

52 31.4 22.8 42.4



#6

Bromomethane

Concen: 0.053 ug/L

RT: 1.516 min Scan# 148

Delta R.T. -0.003 min

Lab File: VV027596.D

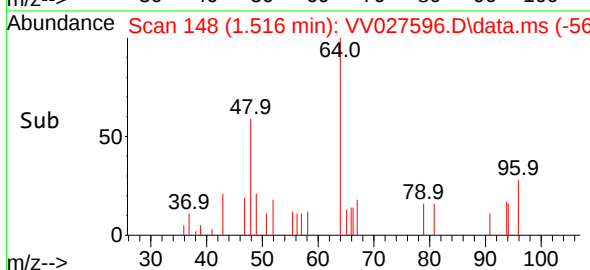
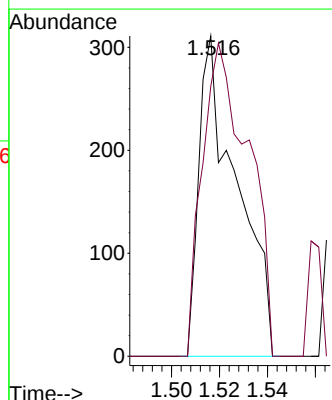
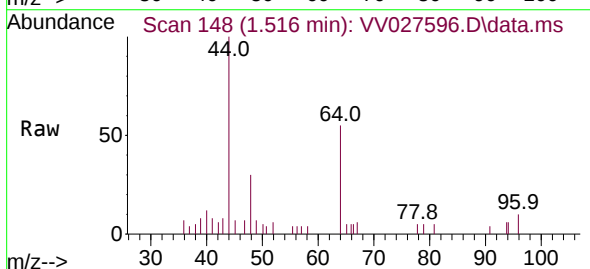
Acq: 30 Aug 2022 19:19

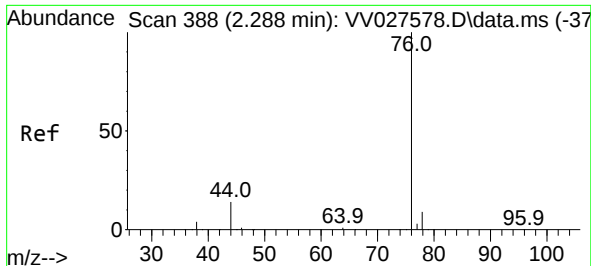
Tgt Ion: 94 Resp: 340

Ion Ratio Lower Upper

94 100

96 84.2 65.2 121.0





#14

Carbon disulfide

Concen: 0.061 ug/L

RT: 2.294 min Scan# 388

Delta R.T. 0.007 min

Lab File: VV027596.D

Acq: 30 Aug 2022 19:19

Instrument :

MSVOA_V

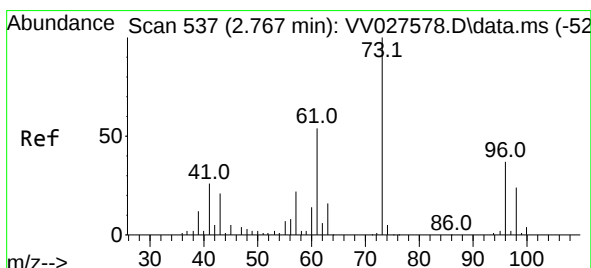
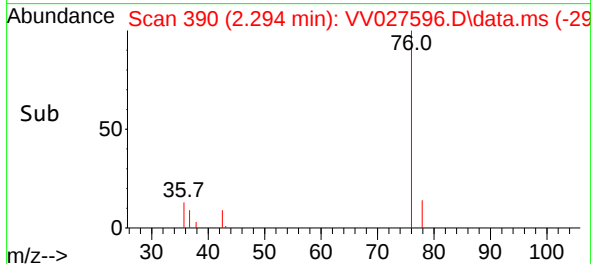
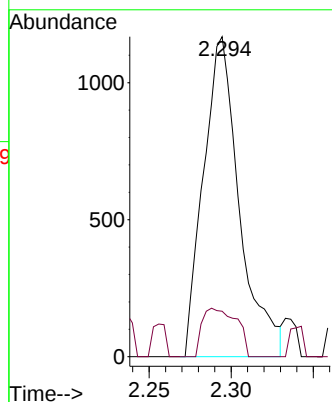
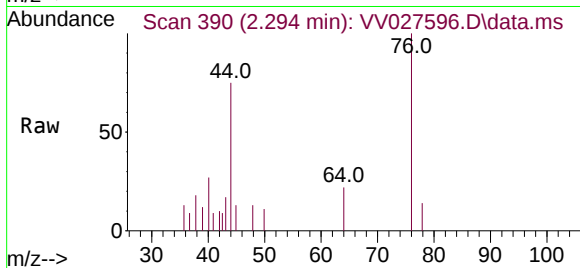
ClientSampleId :

Tgt Ion: 76 Resp: 1779

Ion Ratio Lower Upper

76 100

78 14.2 7.3 10.9#



#17

Methyl tert-butyl Ether

Concen: 0.033 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.003 min

Lab File: VV027596.D

Acq: 30 Aug 2022 19:19

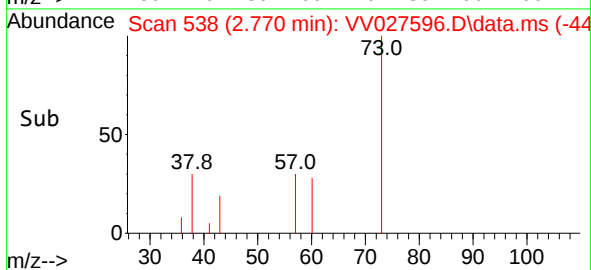
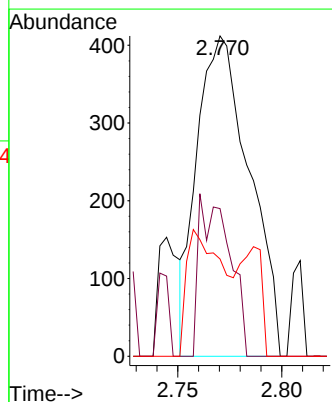
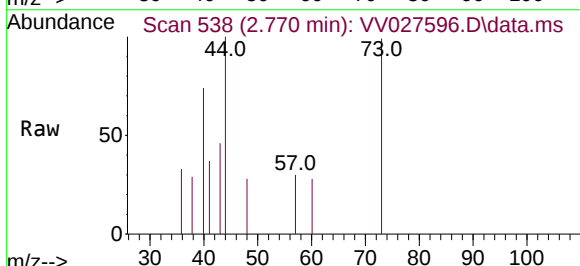
Tgt Ion: 73 Resp: 723

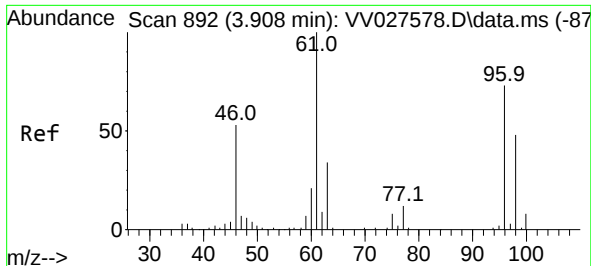
Ion Ratio Lower Upper

73 100

43 29.3 15.6 23.4#

57 27.5 17.0 25.6#





#22

cis-1,2-Dichloroethene

Concen: 0.360 ug/L

RT: 3.918 min Scan# 89

Delta R.T. 0.010 min

Lab File: VV027596.D

Acq: 30 Aug 2022 19:19

Instrument :

MSVOA_V

ClientSampleId :

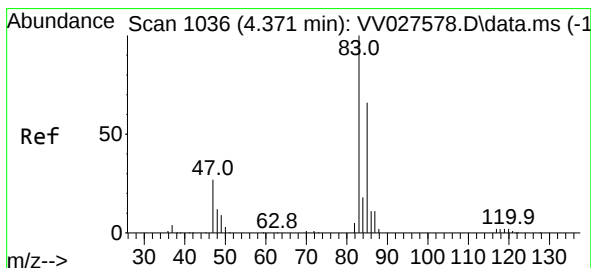
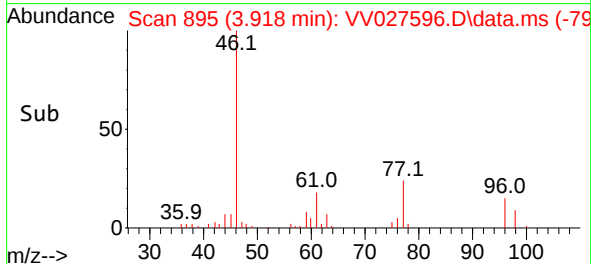
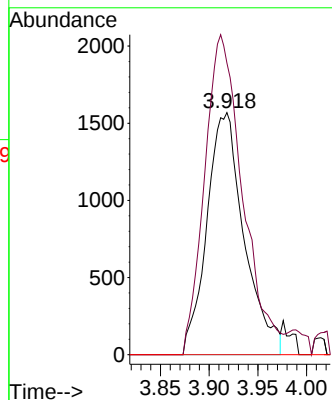
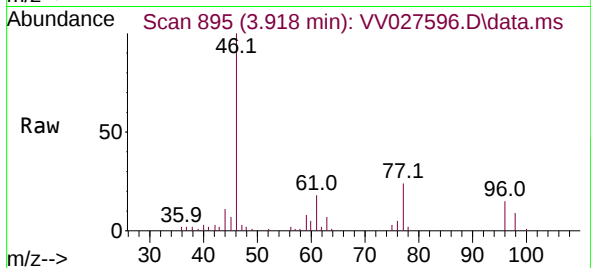
Tgt Ion: 96 Resp: 4182

Ion Ratio Lower Upper

96 100

61 120.5 90.6 168.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.382 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV027596.D

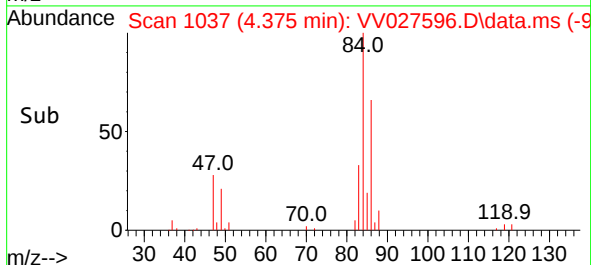
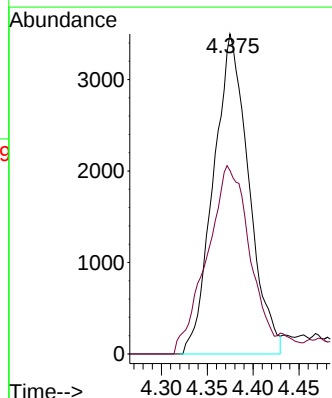
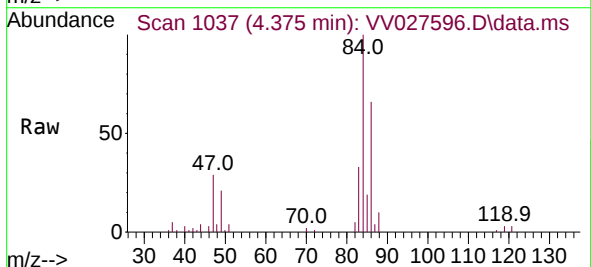
Acq: 30 Aug 2022 19:19

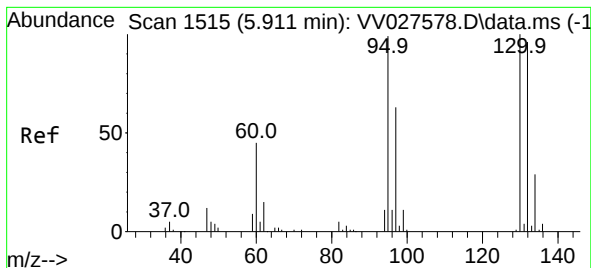
Tgt Ion: 83 Resp: 9361

Ion Ratio Lower Upper

83 100

85 57.3 43.3 80.5





#34

Trichloroethene

Concen: 2.603 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027596.D

Acq: 30 Aug 2022 19:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 32012

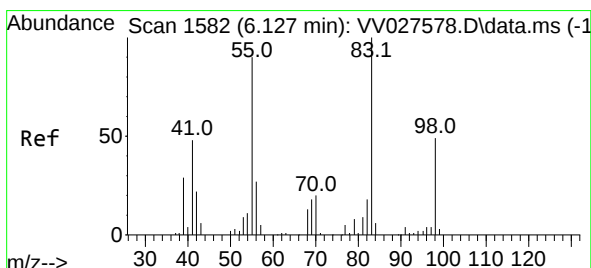
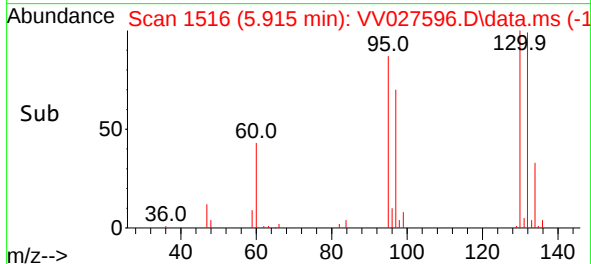
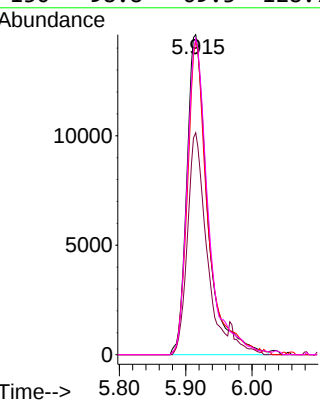
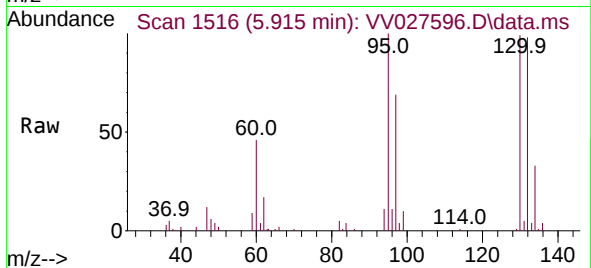
Ion Ratio Lower Upper

95 100

97 69.3 45.0 83.6

132 97.9 65.7 121.9

130 98.8 69.3 128.7



#35

Methylcyclohexane

Concen: 0.815 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027596.D

Acq: 30 Aug 2022 19:19

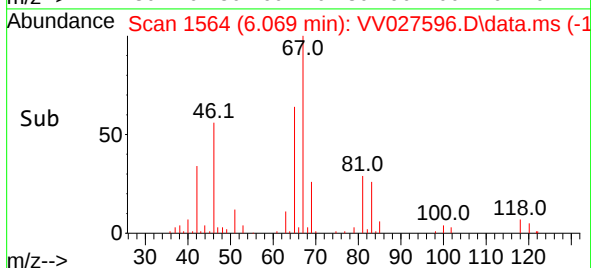
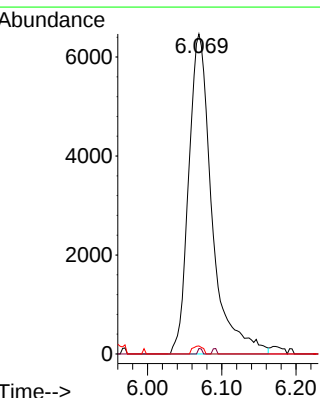
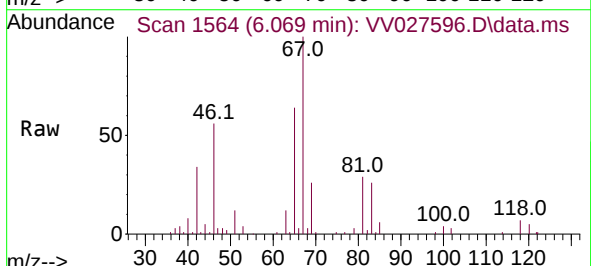
Tgt Ion: 83 Resp: 14097

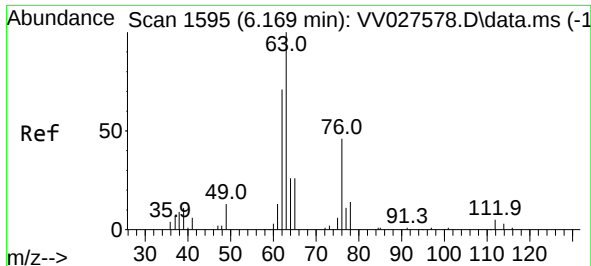
Ion Ratio Lower Upper

83 100

55 0.3 68.2 102.4#

98 1.1 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.513 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027596.D

Acq: 30 Aug 2022 19:19

Instrument :

MSVOA_V

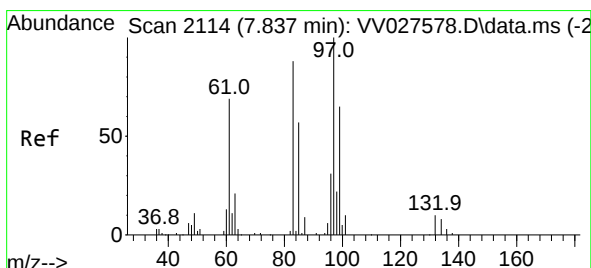
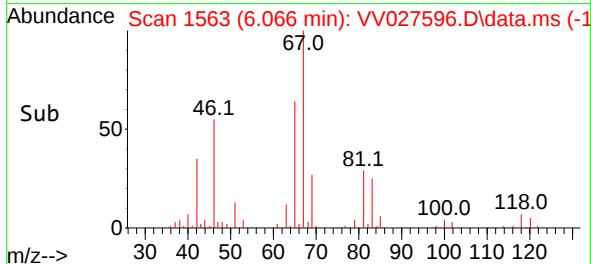
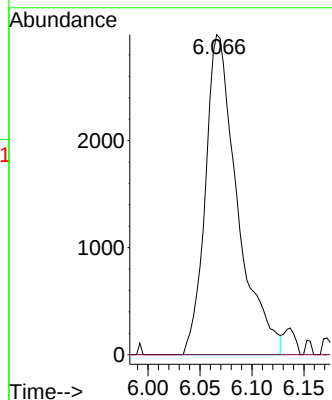
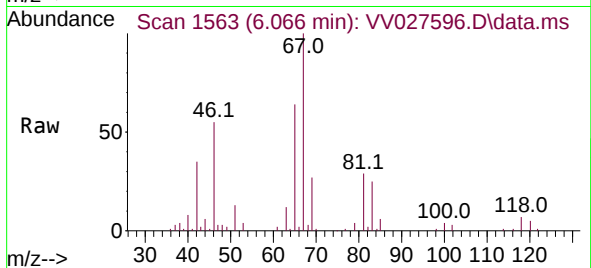
ClientSampleId :

Tgt Ion: 63 Resp: 6389

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#45

1,1,2-Trichloroethane

Concen: 0.308 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.135 min

Lab File: VV027596.D

Acq: 30 Aug 2022 19:19

Tgt Ion: 97 Resp: 2454

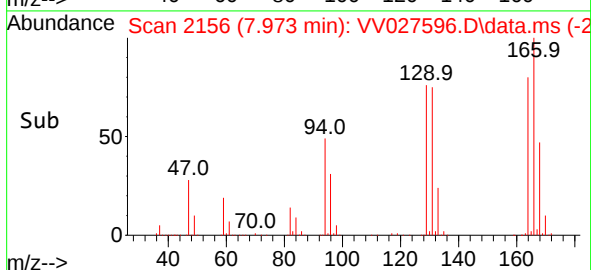
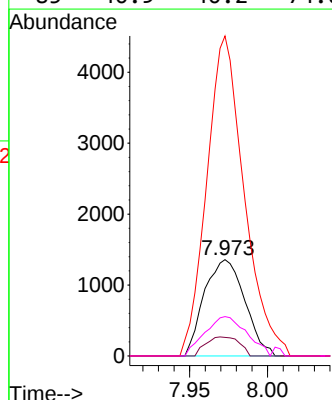
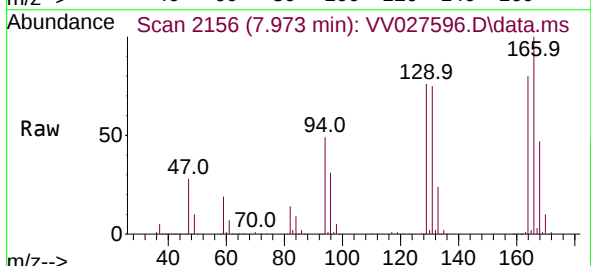
Ion Ratio Lower Upper

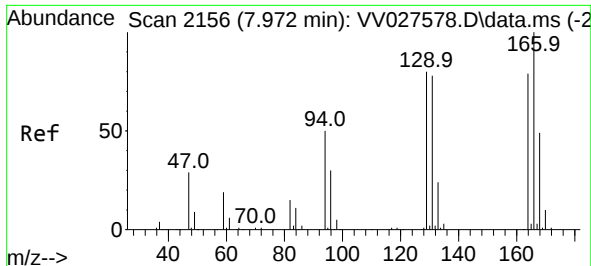
97 100

99 19.3 46.1 85.7#

83 332.3 63.0 117.0#

85 40.9 40.2 74.6





#47

Tetrachloroethene

Concen: 29.211 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

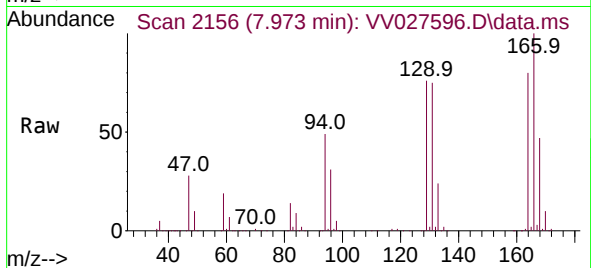
Lab File: VV027596.D

Acq: 30 Aug 2022 19:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 279835

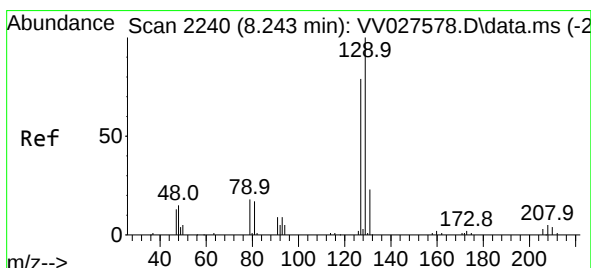
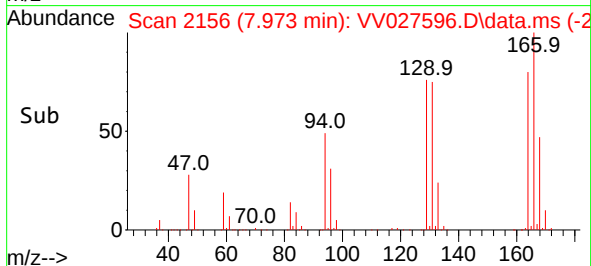
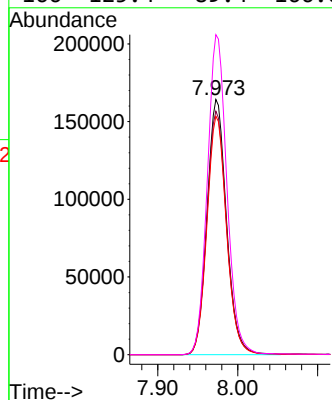
Ion Ratio Lower Upper

164 100

129 95.4 71.1 132.1

131 93.4 64.5 119.9

166 125.4 89.4 166.0



#49

Dibromochloromethane

Concen: 26.834 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027596.D

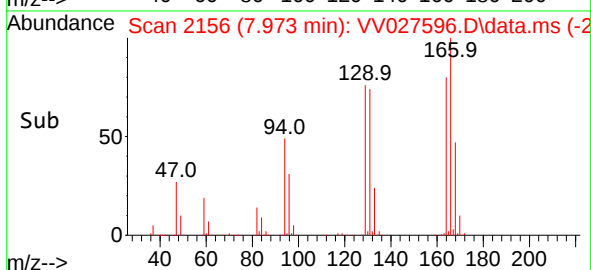
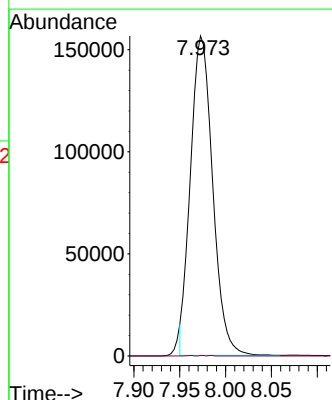
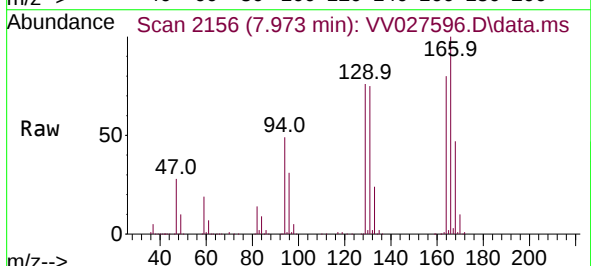
Acq: 30 Aug 2022 19:19

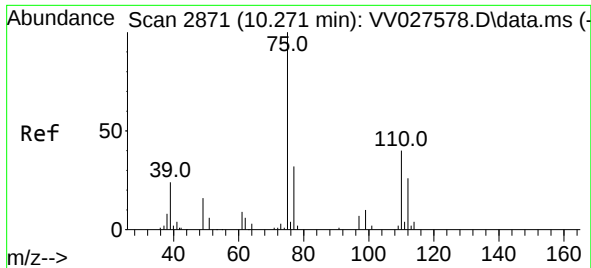
Tgt Ion:129 Resp: 262827

Ion Ratio Lower Upper

129 100

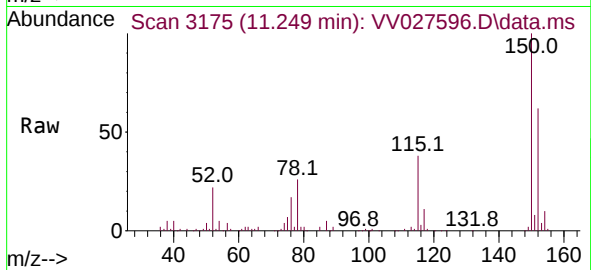
127 0.2 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.424 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV027596.D
 Acq: 30 Aug 2022 19:19

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6907
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.2 39.2
 110 0.6 29.9 44.9#

