

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027670.D
 Acq On : 01 Sep 2022 15:03
 Operator : SY/MD
 Sample : N4369-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 23:18:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 07:36:37 2022
 Response via : Initial Calibration

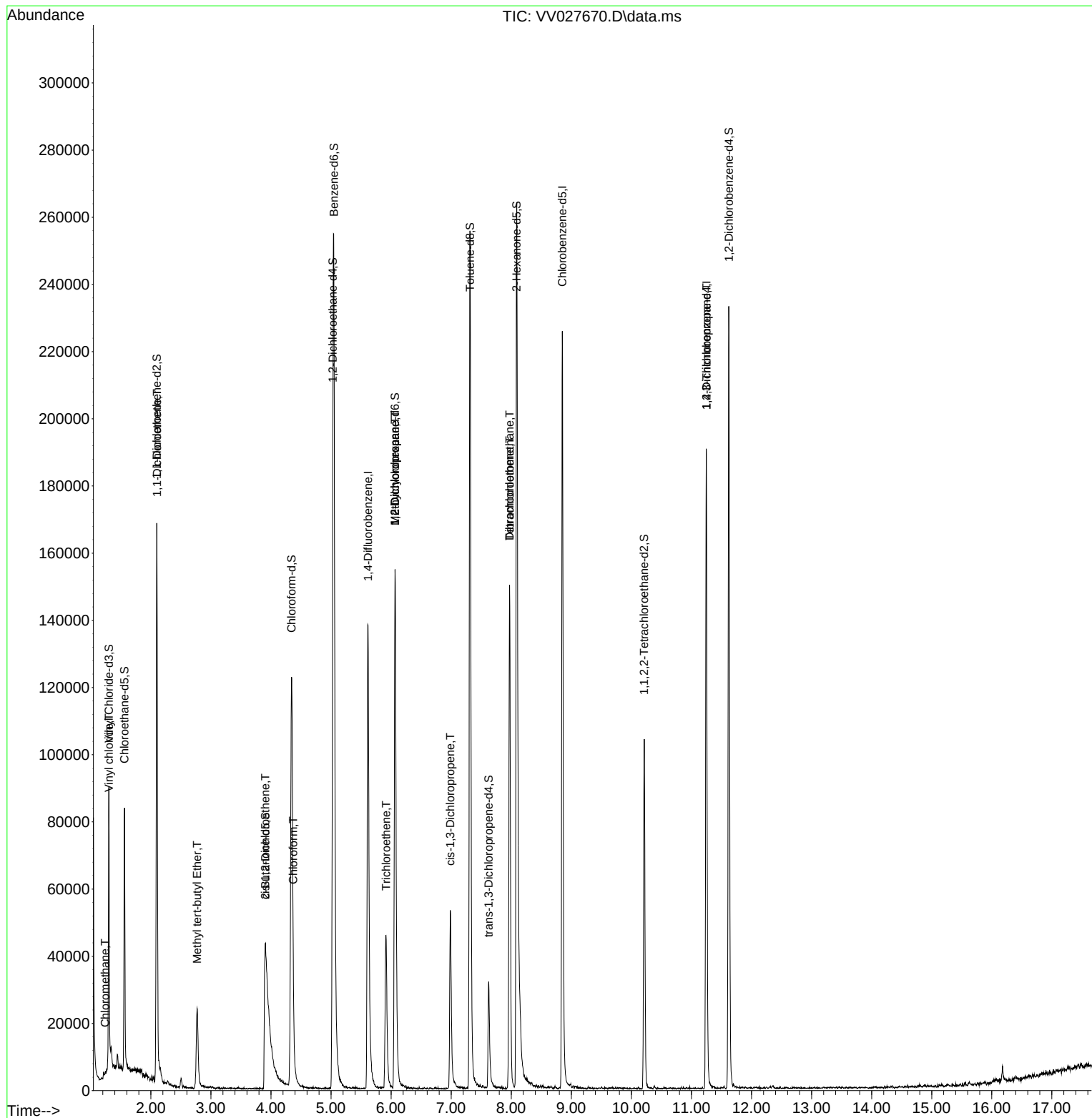
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	124712	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	122880	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50519	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	54900	4.052	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.561	69	49178	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.098	63	90152	3.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.905	46	124563	54.379	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.760%
24) Chloroform-d	4.342	84	133392	4.904	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.031	65	64321	5.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.047	84	234017	4.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	6.066	67	74315	4.773	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.313	98	174912	4.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.625	79	19530	4.072	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.088	63	88572	49.107	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50498	5.040	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	60896	5.384	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	714	0.044	ug/L	86
5) Vinyl chloride	1.304	62	712	0.046	ug/L #	1
12) 1,1-Dichloroethene	2.101	96	1011	0.097	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	23129	1.040	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	3795	0.322	ug/L	81
25) Chloroform	4.368	83	2491	0.103	ug/L	78
34) Trichloroethene	5.915	95	16065	1.364	ug/L	96
35) Methylcyclohexane	6.066	83	18257	0.999	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	8793	0.727	ug/L #	89
39) cis-1,3-Dichloropropene	6.985	75	1439	0.097	ug/L #	53
47) Tetrachloroethene	7.973	164	33084	3.463	ug/L	97
49) Dibromochloromethane	7.973	129	31488	3.404	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	6051	1.184	ug/L #	65

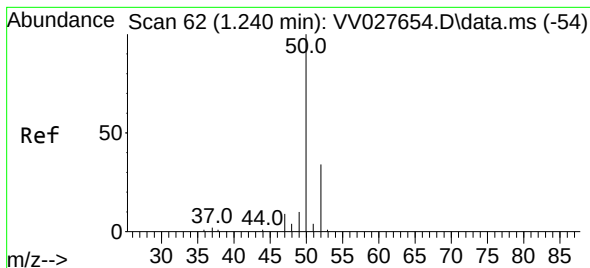
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.044 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV027670.D

Acq: 01 Sep 2022 15:03

Instrument :

MSVOA_V

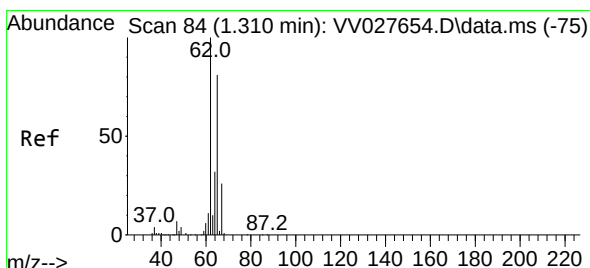
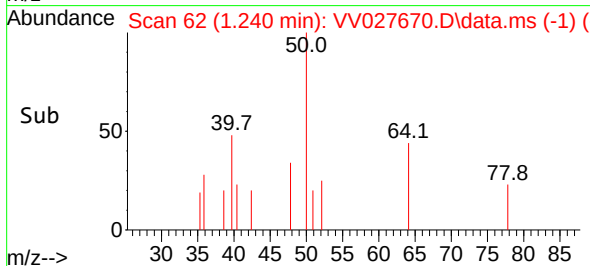
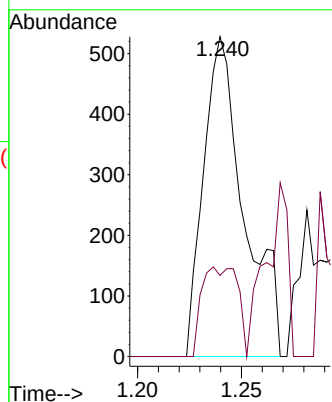
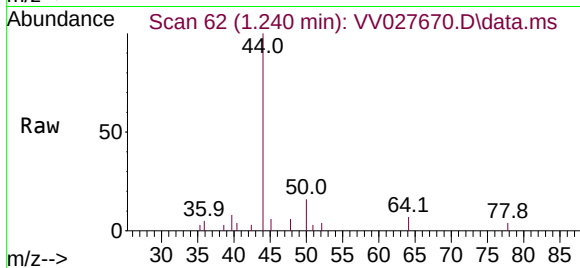
ClientSampleId :

Tgt Ion: 50 Resp: 714

Ion Ratio Lower Upper

50 100

52 25.4 23.5 43.7



#5

Vinyl chloride

Concen: 0.046 ug/L

RT: 1.304 min Scan# 82

Delta R.T. -0.006 min

Lab File: VV027670.D

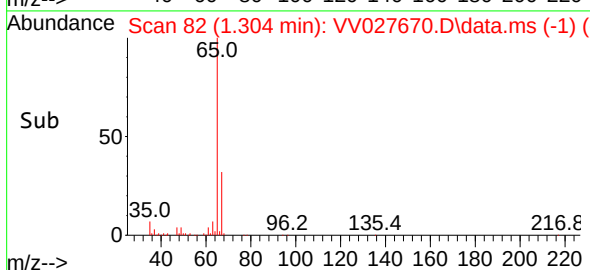
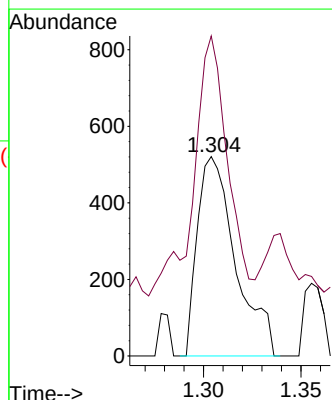
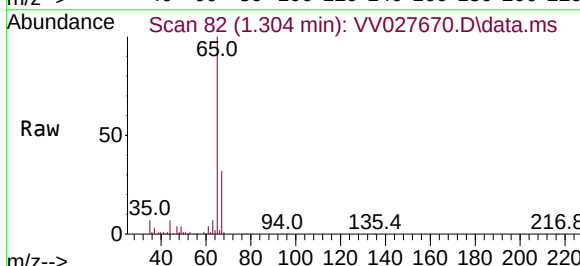
Acq: 01 Sep 2022 15:03

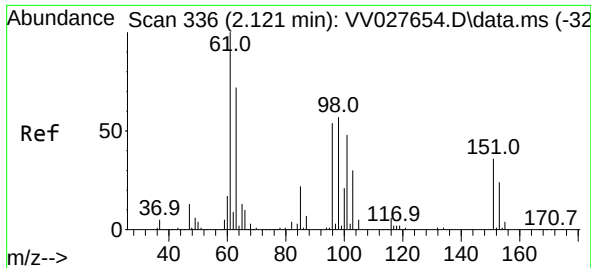
Tgt Ion: 62 Resp: 712

Ion Ratio Lower Upper

62 100

64 160.5 21.8 40.4#





#12

1,1-Dichloroethene

Concen: 0.097 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.019 min

Lab File: VV027670.D

Acq: 01 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

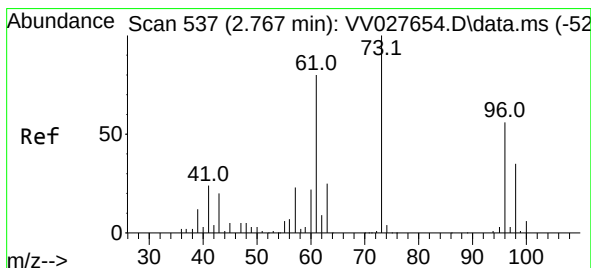
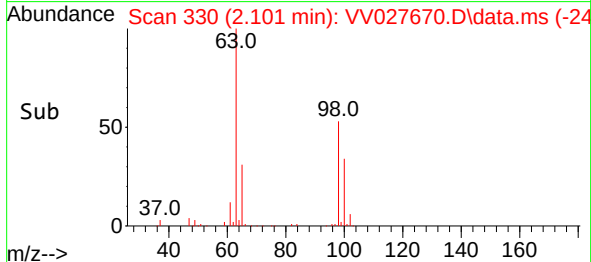
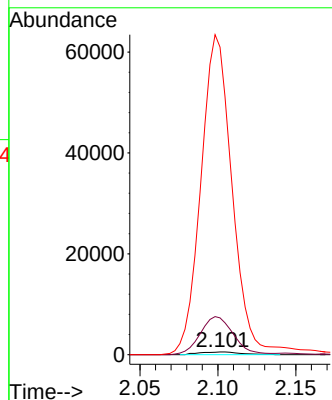
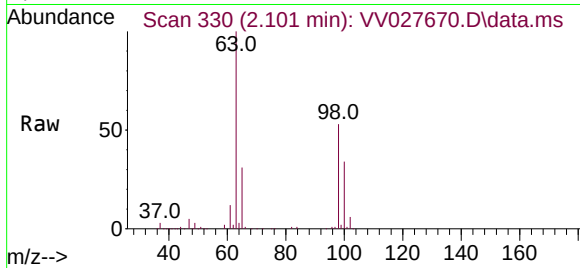
Tgt Ion: 96 Resp: 1011

Ion Ratio Lower Upper

96 100

61 1327.8 134.3 249.3#

63 11083.6 105.7 196.3#



#17

Methyl tert-butyl Ether

Concen: 1.040 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.003 min

Lab File: VV027670.D

Acq: 01 Sep 2022 15:03

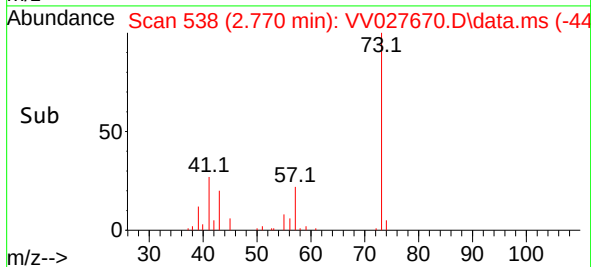
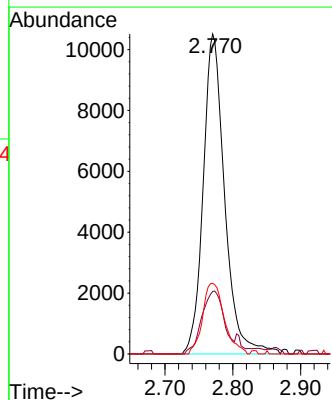
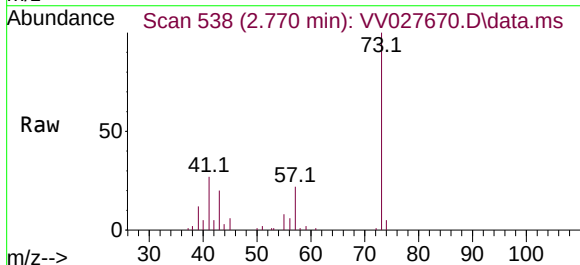
Tgt Ion: 73 Resp: 23129

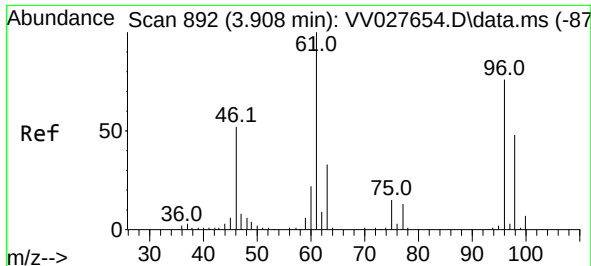
Ion Ratio Lower Upper

73 100

43 20.3 16.5 24.7

57 22.2 18.2 27.2





#22

cis-1,2-Dichloroethene

Concen: 0.322 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV027670.D

Acq: 01 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

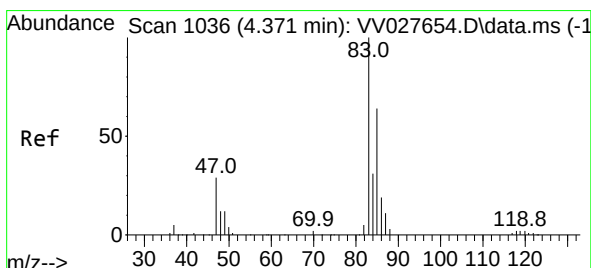
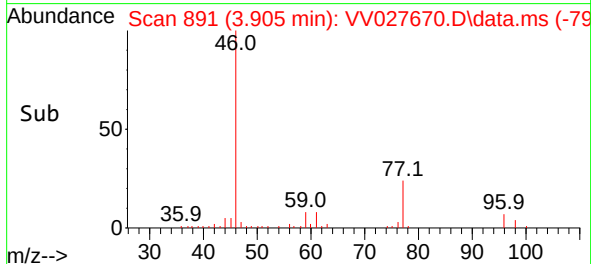
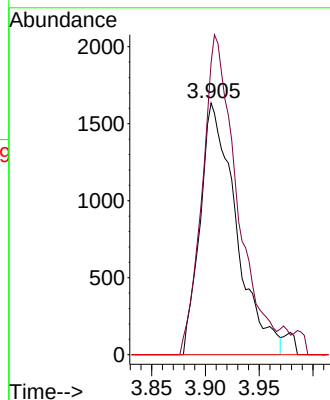
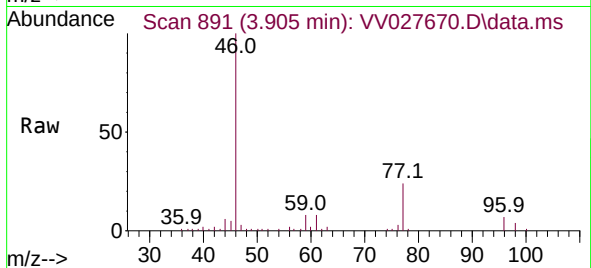
Tgt Ion: 96 Resp: 3795

Ion Ratio Lower Upper

96 100

61 116.0 96.9 180.1

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.103 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV027670.D

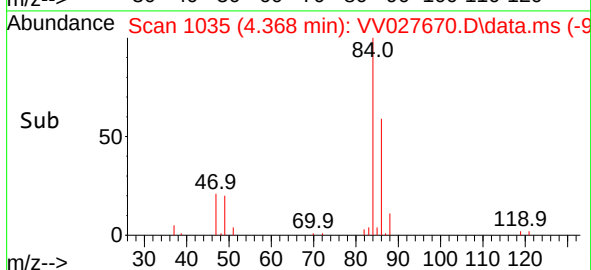
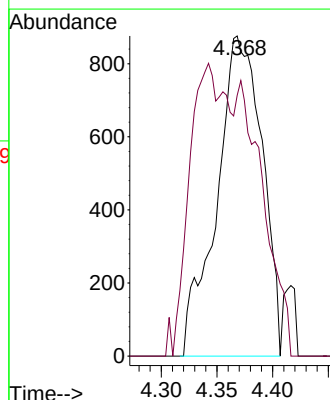
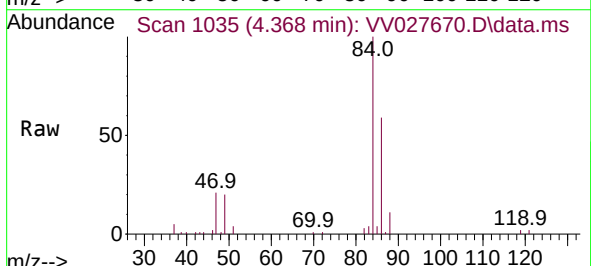
Acq: 01 Sep 2022 15:03

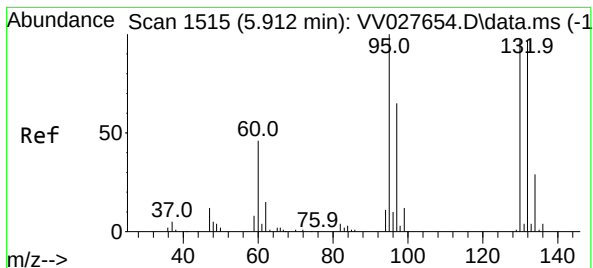
Tgt Ion: 83 Resp: 2491

Ion Ratio Lower Upper

83 100

85 81.4 44.7 83.1





#34

Trichloroethene

Concen: 1.364 ug/L

RT: 5.915 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV027670.D

Acq: 01 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 16065

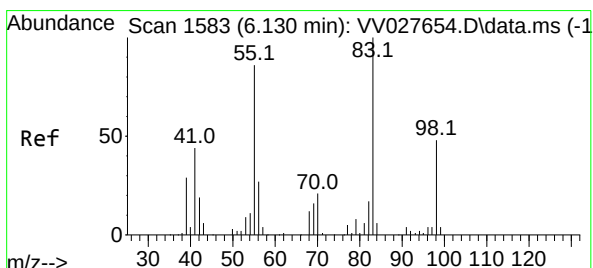
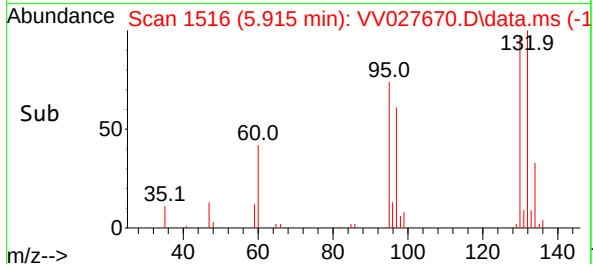
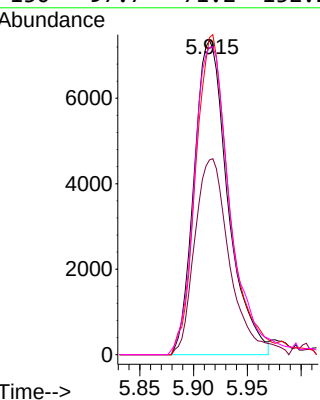
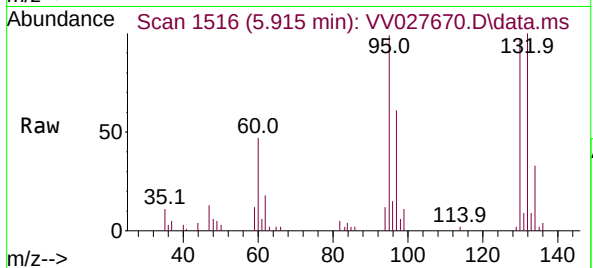
Ion Ratio Lower Upper

95 100

97 61.9 46.1 85.5

132 100.8 67.3 125.1

130 97.7 71.2 132.2



#35

Methylcyclohexane

Concen: 0.999 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV027670.D

Acq: 01 Sep 2022 15:03

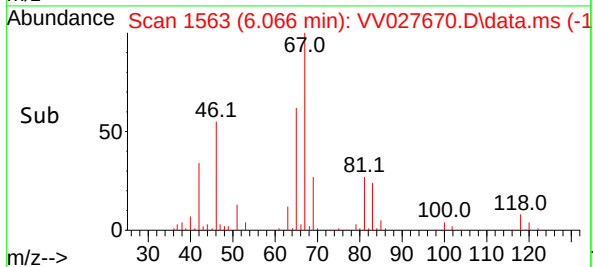
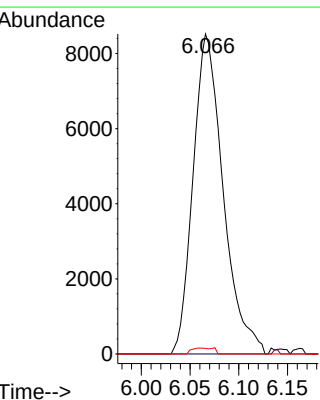
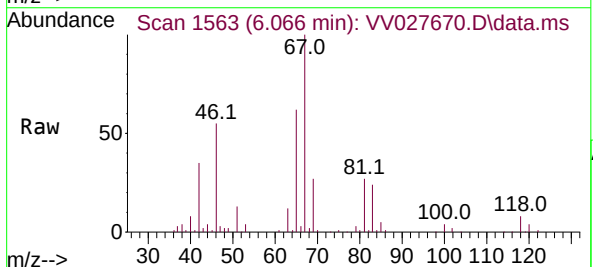
Tgt Ion: 83 Resp: 18257

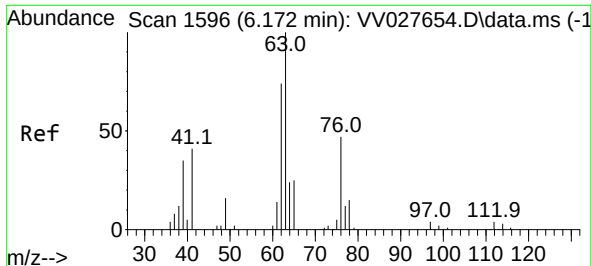
Ion Ratio Lower Upper

83 100

55 0.2 66.0 99.0#

98 1.4 36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.727 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV027670.D

Acq: 01 Sep 2022 15:03

Instrument :

MSVOA_V

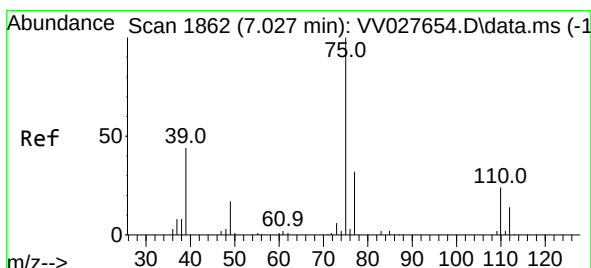
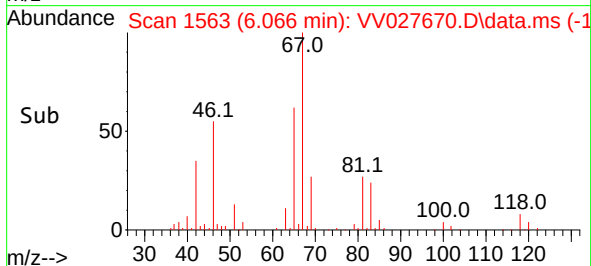
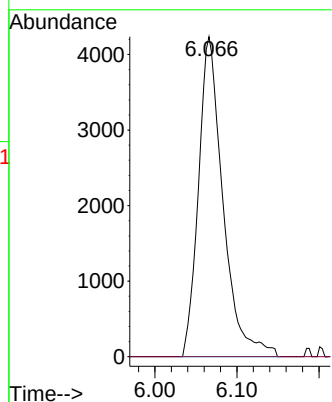
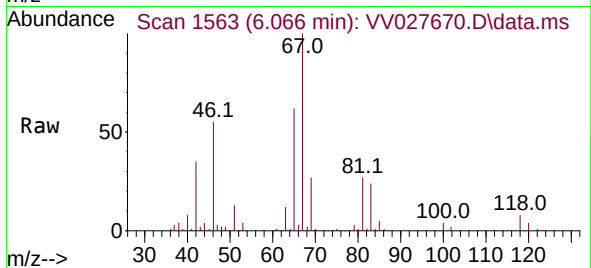
ClientSampleId :

Tgt Ion: 63 Resp: 8793

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV027670.D

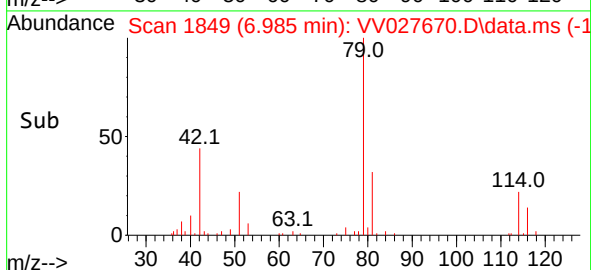
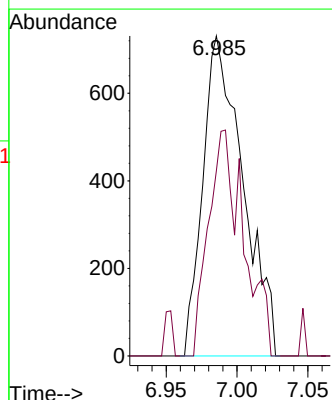
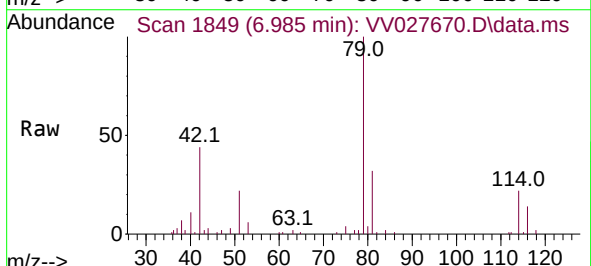
Acq: 01 Sep 2022 15:03

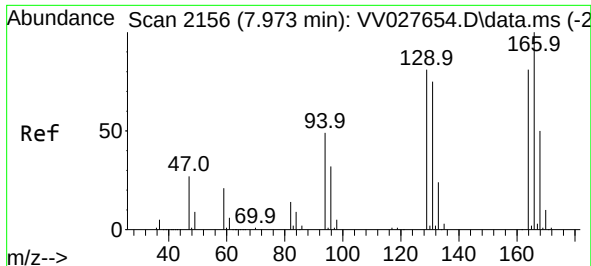
Tgt Ion: 75 Resp: 1439

Ion Ratio Lower Upper

75 100

77 57.9 22.3 41.3#





#47

Tetrachloroethene

Concen: 3.463 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

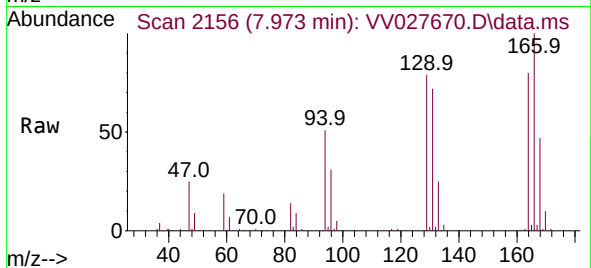
Lab File: VV027670.D

Acq: 01 Sep 2022 15:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 33084

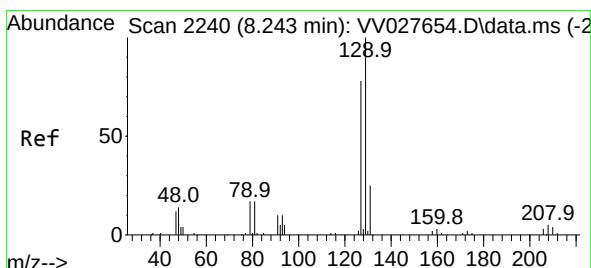
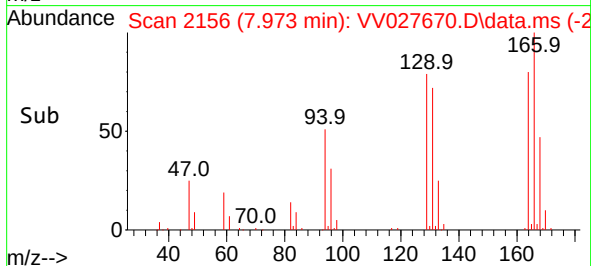
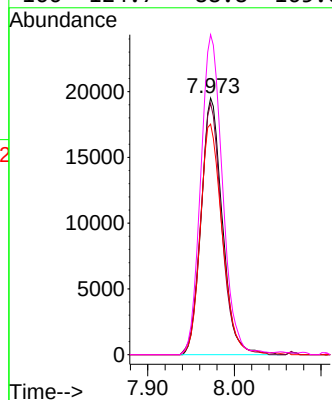
Ion Ratio Lower Upper

164 100

129 98.0 65.9 122.3

131 89.8 64.5 119.7

166 124.7 88.8 165.0



#49

Dibromochloromethane

Concen: 3.404 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027670.D

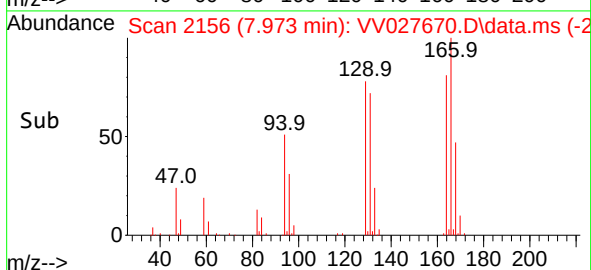
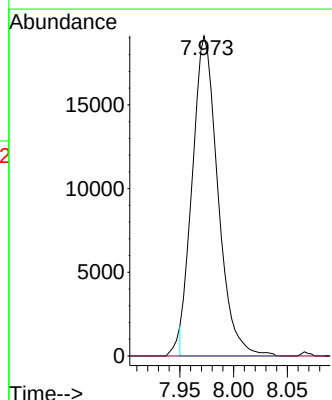
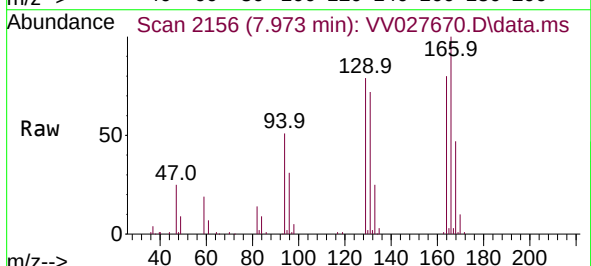
Acq: 01 Sep 2022 15:03

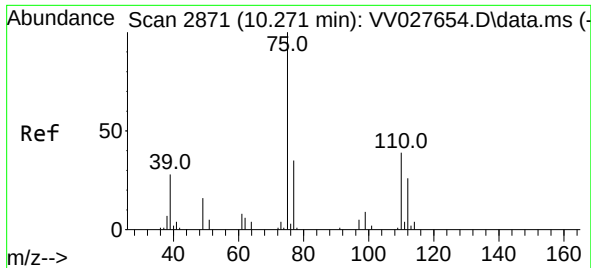
Tgt Ion:129 Resp: 31488

Ion Ratio Lower Upper

129 100

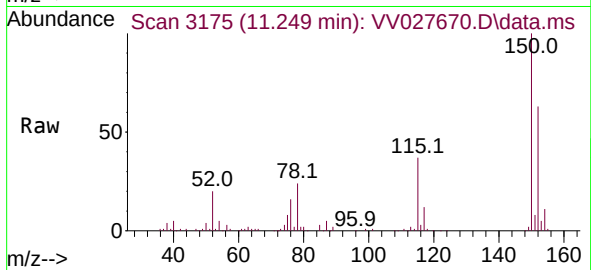
127 0.0 52.4 97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.184 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV027670.D
 Acq: 01 Sep 2022 15:03

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.8	38.6
110	0.0	29.8	44.8

