

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082622\
 Data File : VV027534.D
 Acq On : 26 Aug 2022 14:47
 Operator : SY/MD
 Sample : N4368-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 03:15:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

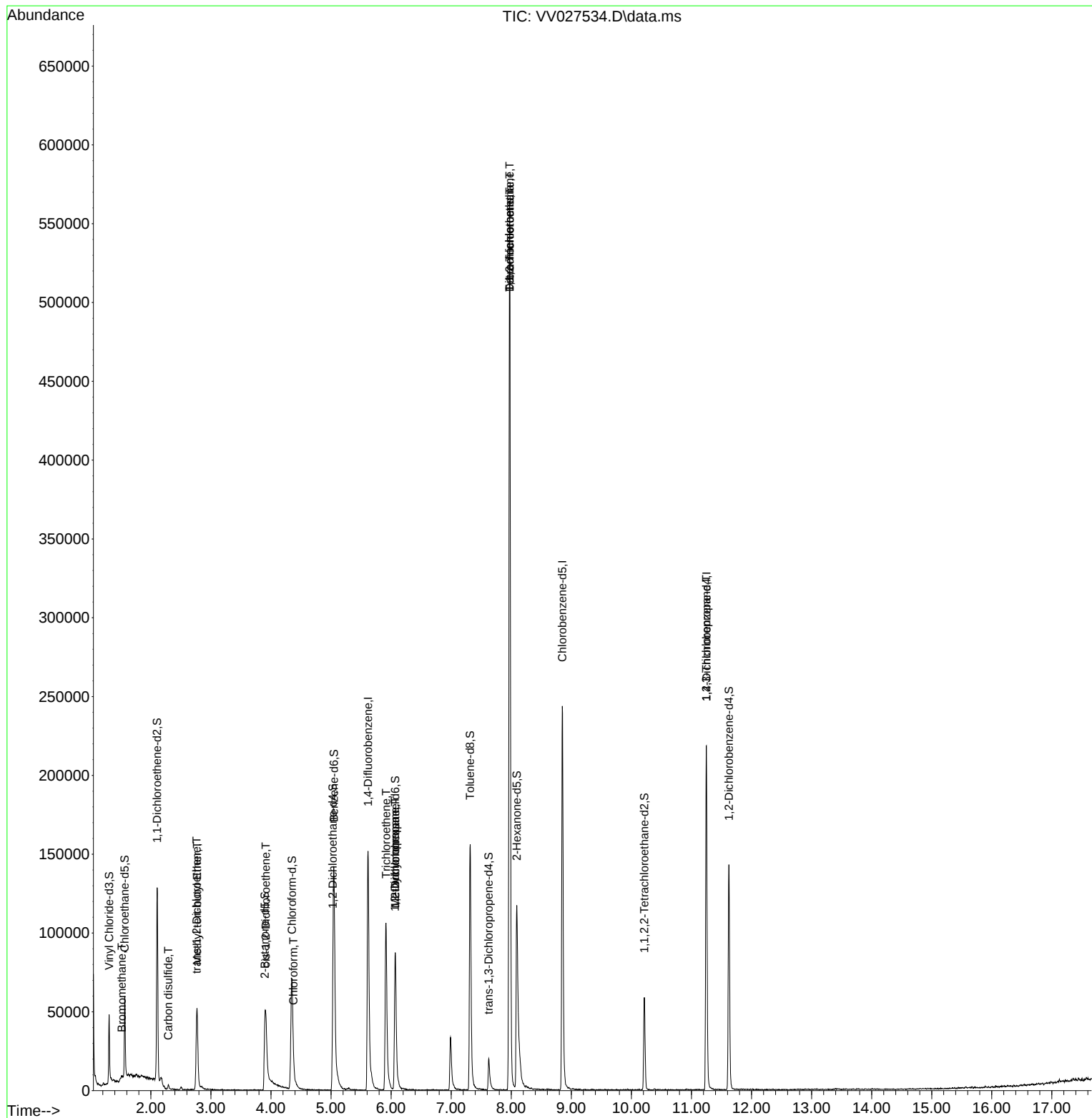
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	139385	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	137312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58483	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32466	3.273	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.400%	
7) Chloroethane-d5	1.565	69	33897	4.669	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.400%	
11) 1,1-Dichloroethene-d2	2.105	63	64491	2.788	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	55.800%#	
20) 2-Butanone-d5	3.896	46	40195	32.558	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	65.120%	
24) Chloroform-d	4.349	84	77956	3.930	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.600%	
26) 1,2-Dichloroethane-d4	5.031	65	36071	4.204	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
32) Benzene-d6	5.047	84	135179	3.554	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	71.000%	
36) 1,2-Dichloropropane-d6	6.069	67	42465	3.840	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	76.800%	
41) Toluene-d8	7.317	98	111474	3.246	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	65.000%#	
43) trans-1,3-Dichloroprop...	7.625	79	12239	3.233	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	64.600%	
46) 2-Hexanone-d5	8.092	63	49479	39.701	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.400%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28526	4.051	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	38433	4.433	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.600%	
Target Compounds						
					Qvalue	
6) Bromomethane	1.516	94	488	0.076	ug/L	84
14) Carbon disulfide	2.291	76	2616	0.090	ug/L #	87
17) Methyl tert-butyl Ether	2.770	73	44904	2.058	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	1901	0.175	ug/L	79
22) cis-1,2-Dichloroethene	3.912	96	20071	1.733	ug/L	99
25) Chloroform	4.375	83	4649	0.190	ug/L	91
34) Trichloroethene	5.915	95	40277	3.352	ug/L	98
35) Methylcyclohexane	6.069	83	10731	0.635	ug/L #	15
37) 1,2-Dichloropropane	6.066	63	4792	0.394	ug/L #	85
45) 1,1,2-Trichloroethane	7.973	97	1075	0.138	ug/L #	4
47) Tetrachloroethene	7.973	164	124493	13.301	ug/L	97
49) Dibromochloromethane	7.973	129	116416	12.165	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	6637	1.294	ug/L #	63

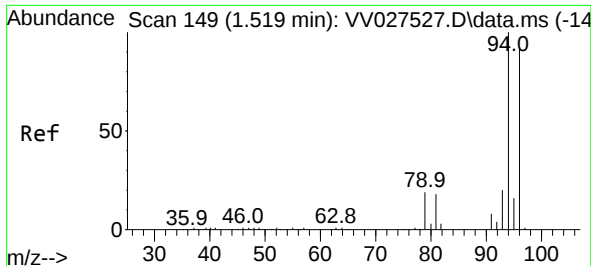
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082622\
Data File : VV027534.D
Acq On : 26 Aug 2022 14:47
Operator : SY/MD
Sample : N4368-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Aug 27 03:15:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 27 03:12:26 2022
Response via : Initial Calibration

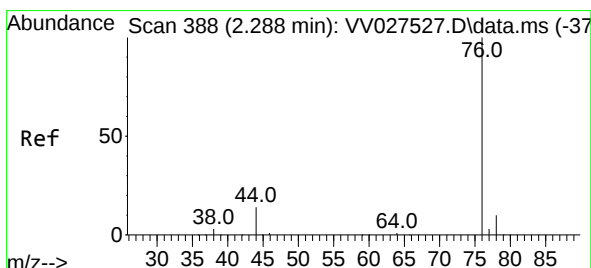
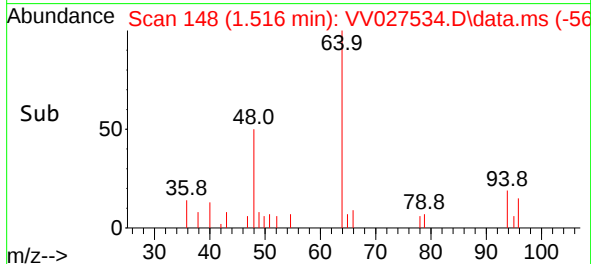
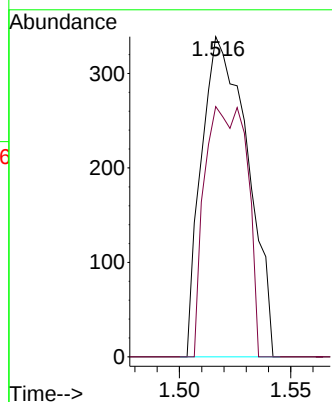
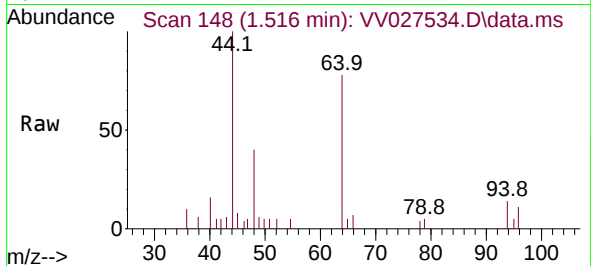




#6
Bromomethane
Concen: 0.076 ug/L
RT: 1.516 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV027534.D
Acq: 26 Aug 2022 14:47

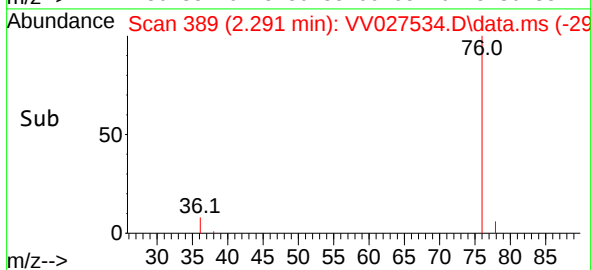
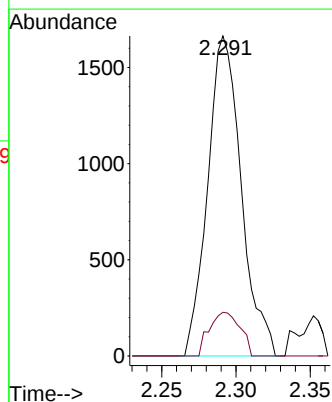
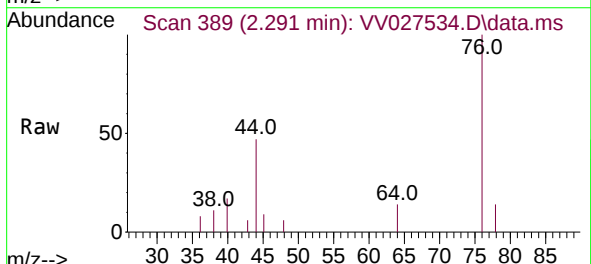
Instrument :
MSVOA_V
ClientSampleId :

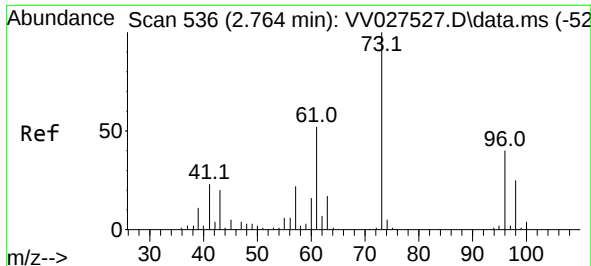
Tgt Ion: 94 Resp: 488
Ion Ratio Lower Upper
94 100
96 78.2 65.2 121.0



#14
Carbon disulfide
Concen: 0.090 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV027534.D
Acq: 26 Aug 2022 14:47

Tgt Ion: 76 Resp: 2616
Ion Ratio Lower Upper
76 100
78 13.6 7.3 10.9#

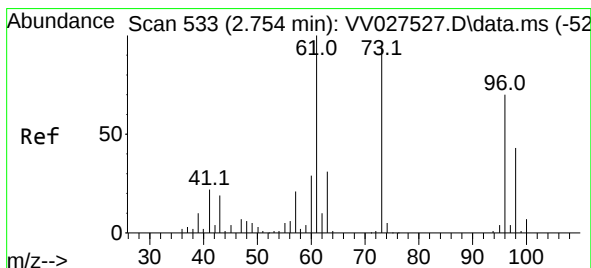
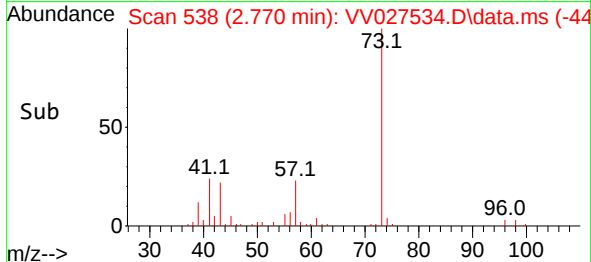
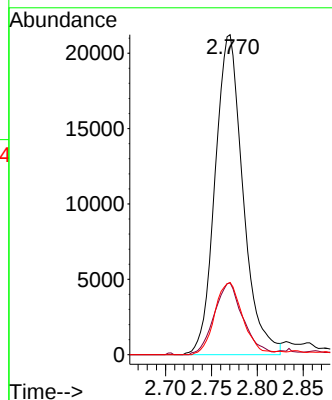
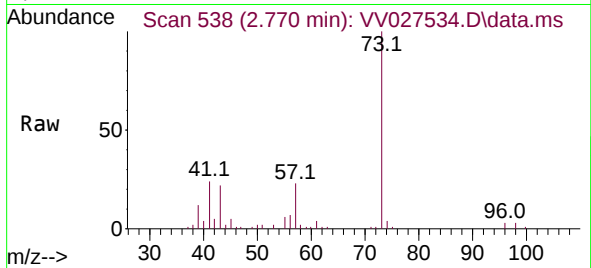




#17
Methyl tert-butyl Ether
Concen: 2.058 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV027534.D
Acq: 26 Aug 2022 14:47

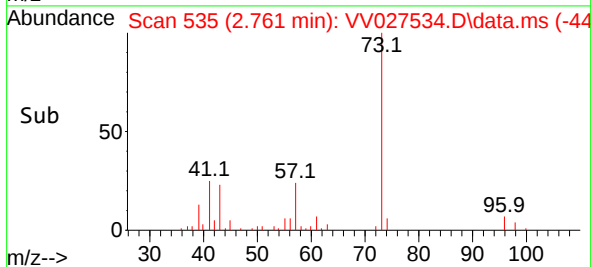
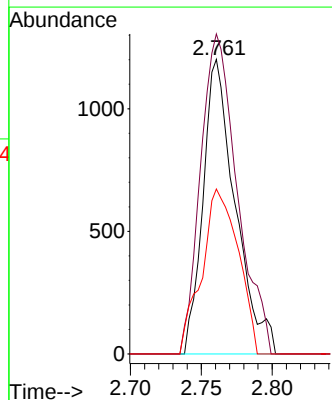
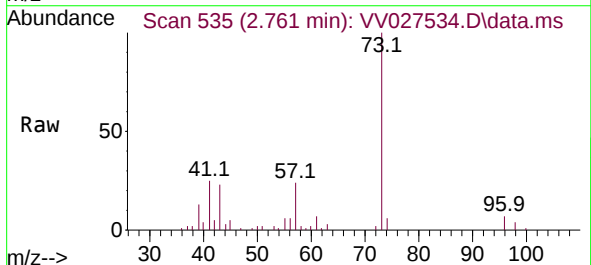
Instrument :
MSVOA_V
ClientSampleId :

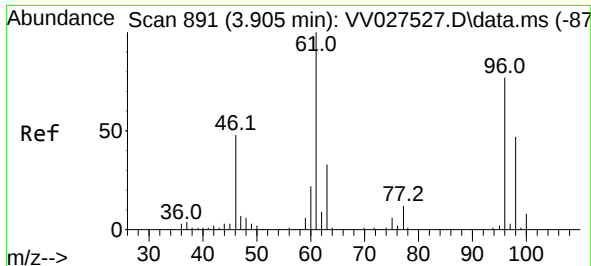
Tgt Ion: 73 Resp: 44904
Ion Ratio Lower Upper
73 100
43 23.2 15.6 23.4
57 22.7 17.0 25.6



#18
trans-1,2-Dichloroethene
Concen: 0.175 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.007 min
Lab File: VV027534.D
Acq: 26 Aug 2022 14:47

Tgt Ion: 96 Resp: 1901
Ion Ratio Lower Upper
96 100
61 108.7 97.6 181.4
98 56.0 45.9 85.3





#22

cis-1,2-Dichloroethene

Concen: 1.733 ug/L

RT: 3.912 min Scan# 891

Delta R.T. 0.007 min

Lab File: VV027534.D

Acq: 26 Aug 2022 14:47

Instrument :

MSVOA_V

ClientSampleId :

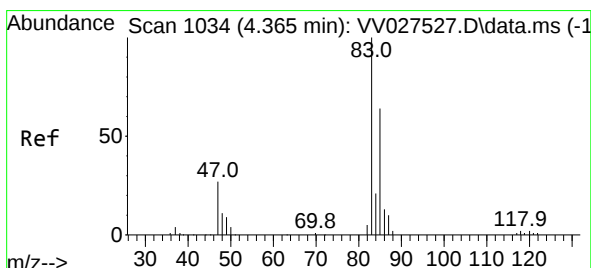
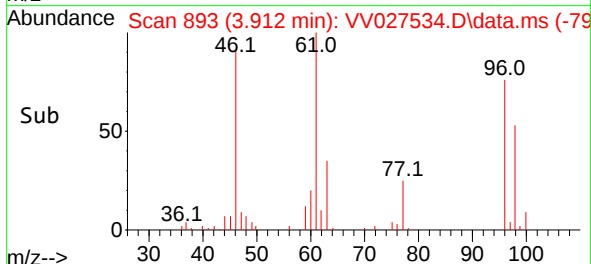
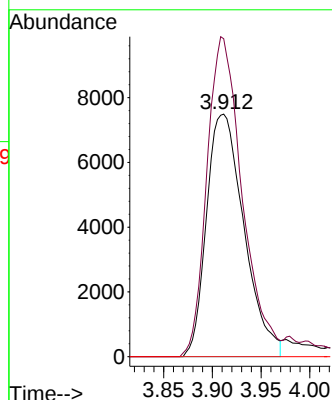
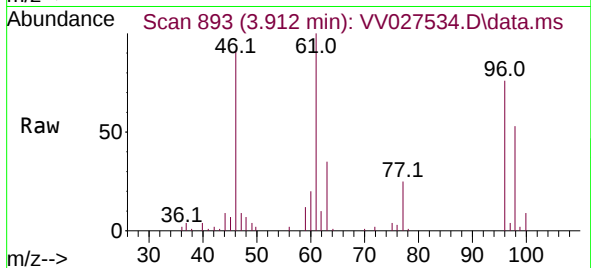
Tgt Ion: 96 Resp: 20071

Ion Ratio Lower Upper

96 100

61 131.1 90.6 168.2

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.190 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.010 min

Lab File: VV027534.D

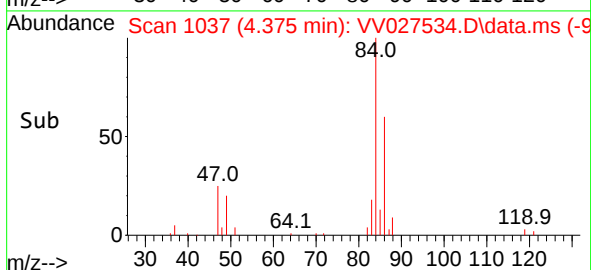
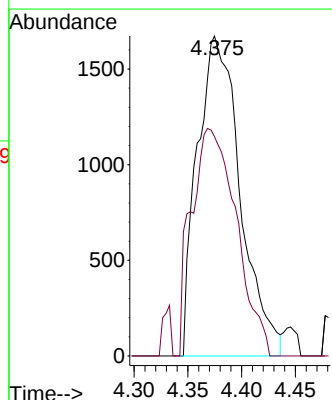
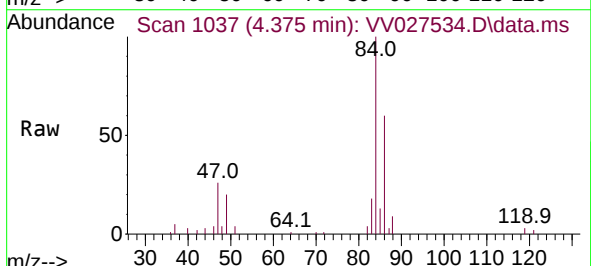
Acq: 26 Aug 2022 14:47

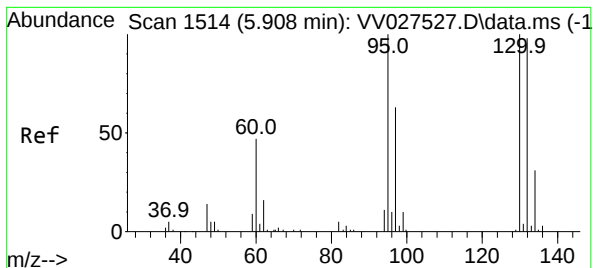
Tgt Ion: 83 Resp: 4649

Ion Ratio Lower Upper

83 100

85 68.6 43.3 80.5





#34

Trichloroethene

Concen: 3.352 ug/L

RT: 5.915 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV027534.D

Acq: 26 Aug 2022 14:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 40277

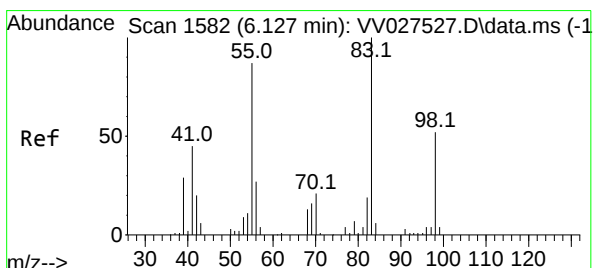
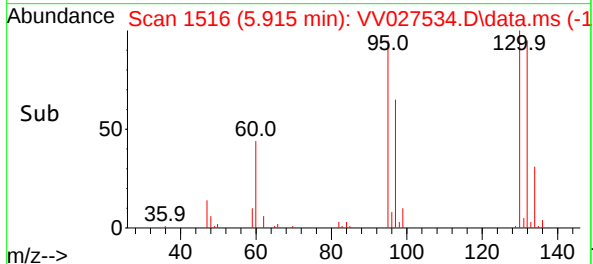
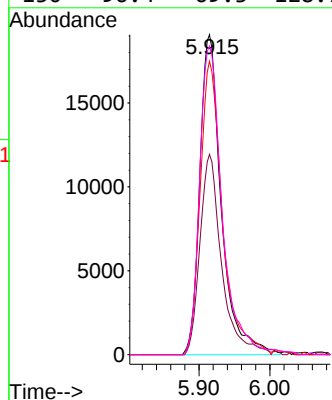
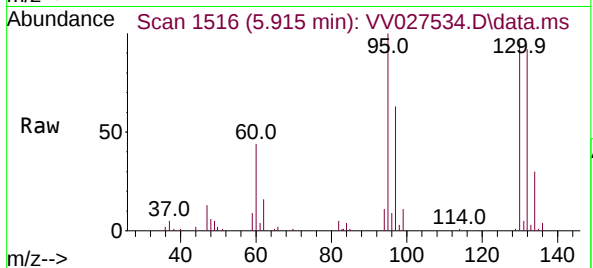
Ion Ratio Lower Upper

95 100

97 62.6 45.0 83.6

132 91.7 65.7 121.9

130 96.4 69.3 128.7



#35

Methylcyclohexane

Concen: 0.635 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027534.D

Acq: 26 Aug 2022 14:47

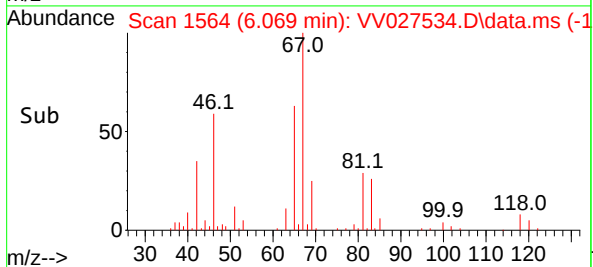
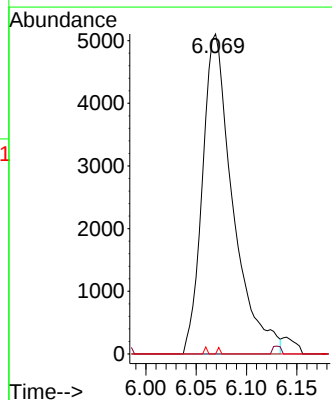
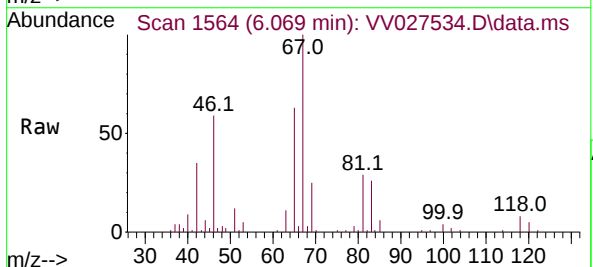
Tgt Ion: 83 Resp: 10731

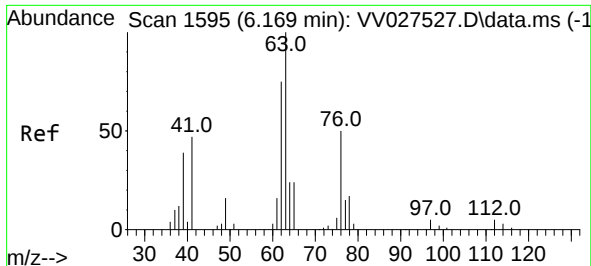
Ion Ratio Lower Upper

83 100

55 0.6 68.2 102.4#

98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.394 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027534.D

Acq: 26 Aug 2022 14:47

Instrument :

MSVOA_V

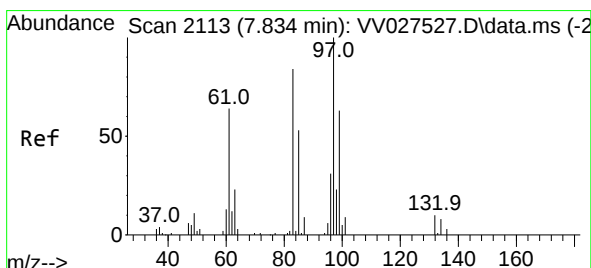
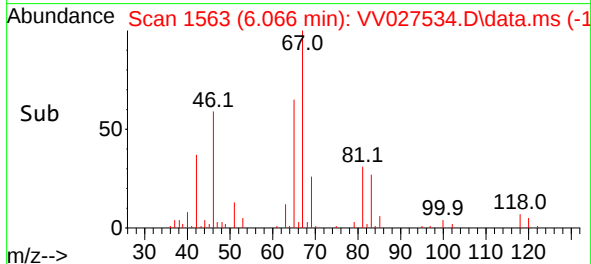
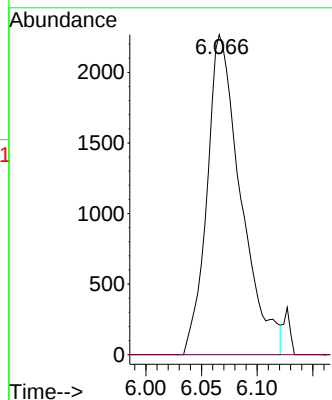
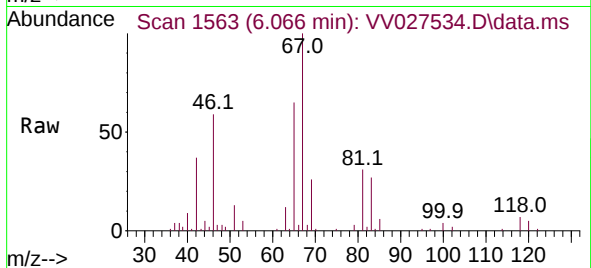
ClientSampleId :

Tgt Ion: 63 Resp: 4792

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#45

1,1,2-Trichloroethane

Concen: 0.138 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.138 min

Lab File: VV027534.D

Acq: 26 Aug 2022 14:47

Tgt Ion: 97 Resp: 1075

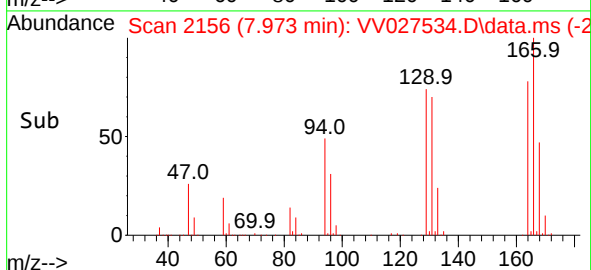
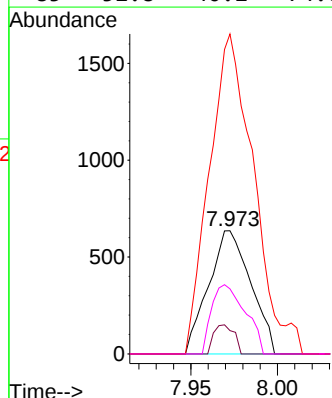
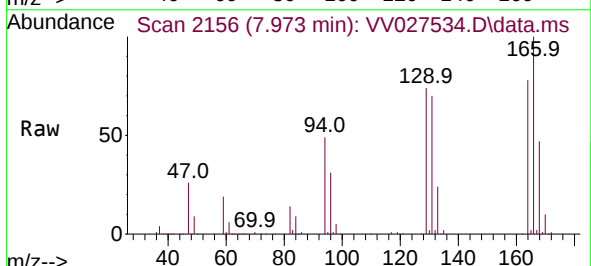
Ion Ratio Lower Upper

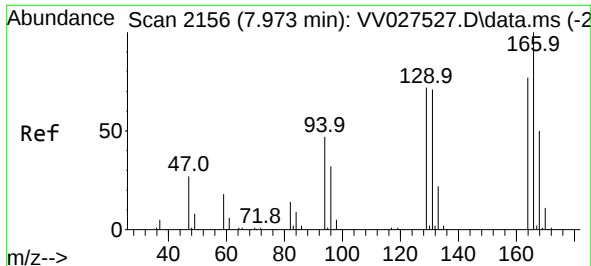
97 100

99 18.9 46.1 85.7#

83 259.7 63.0 117.0#

85 52.8 40.2 74.6





#47

Tetrachloroethene

Concen: 13.301 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

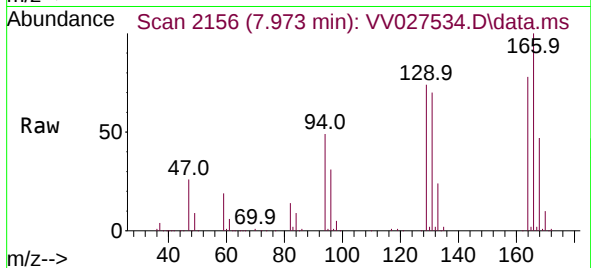
Lab File: VV027534.D

Acq: 26 Aug 2022 14:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 124493

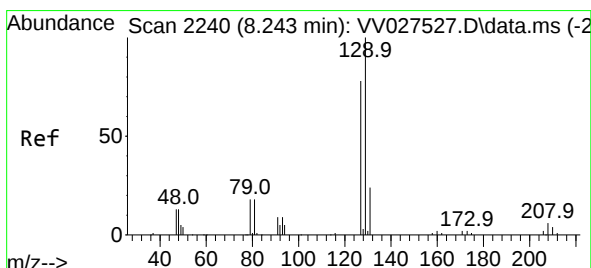
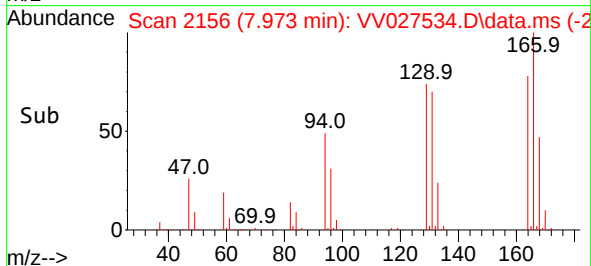
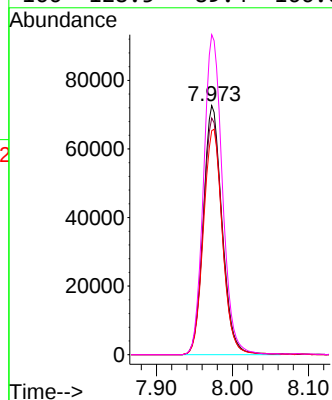
Ion Ratio Lower Upper

164 100

129 95.0 71.1 132.1

131 89.9 64.5 119.9

166 128.5 89.4 166.0



#49

Dibromochloromethane

Concen: 12.165 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV027534.D

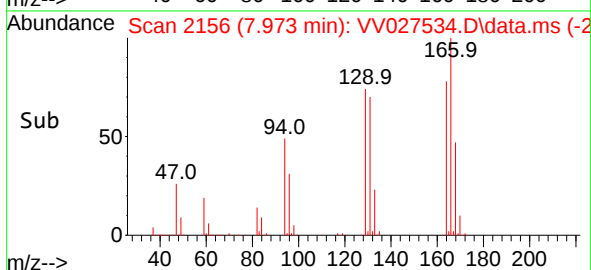
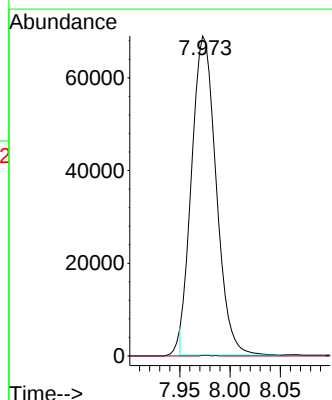
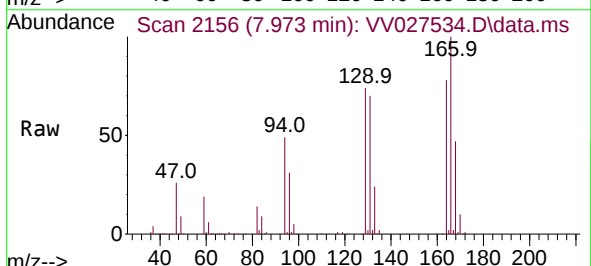
Acq: 26 Aug 2022 14:47

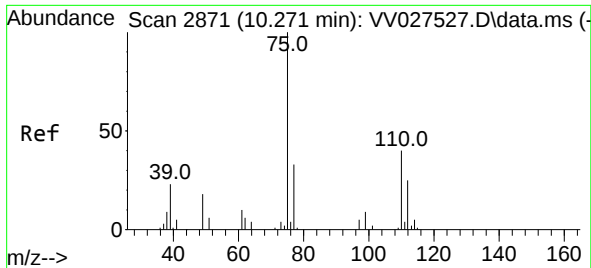
Tgt Ion:129 Resp: 116416

Ion Ratio Lower Upper

129 100

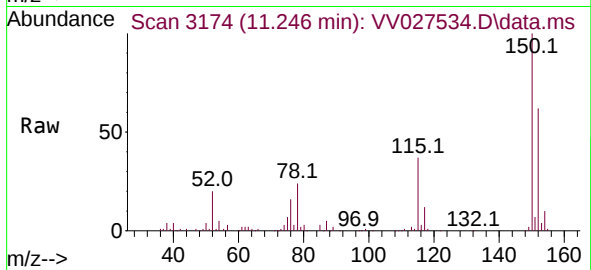
127 0.2 55.9 103.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.294 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV027534.D
 Acq: 26 Aug 2022 14:47

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.8	26.2	39.2#
110	2.2	29.9	44.9#

