

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082622\
 Data File : VV027539.D
 Acq On : 26 Aug 2022 17:16
 Operator : SY/MD
 Sample : N4368-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 03:16:11 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

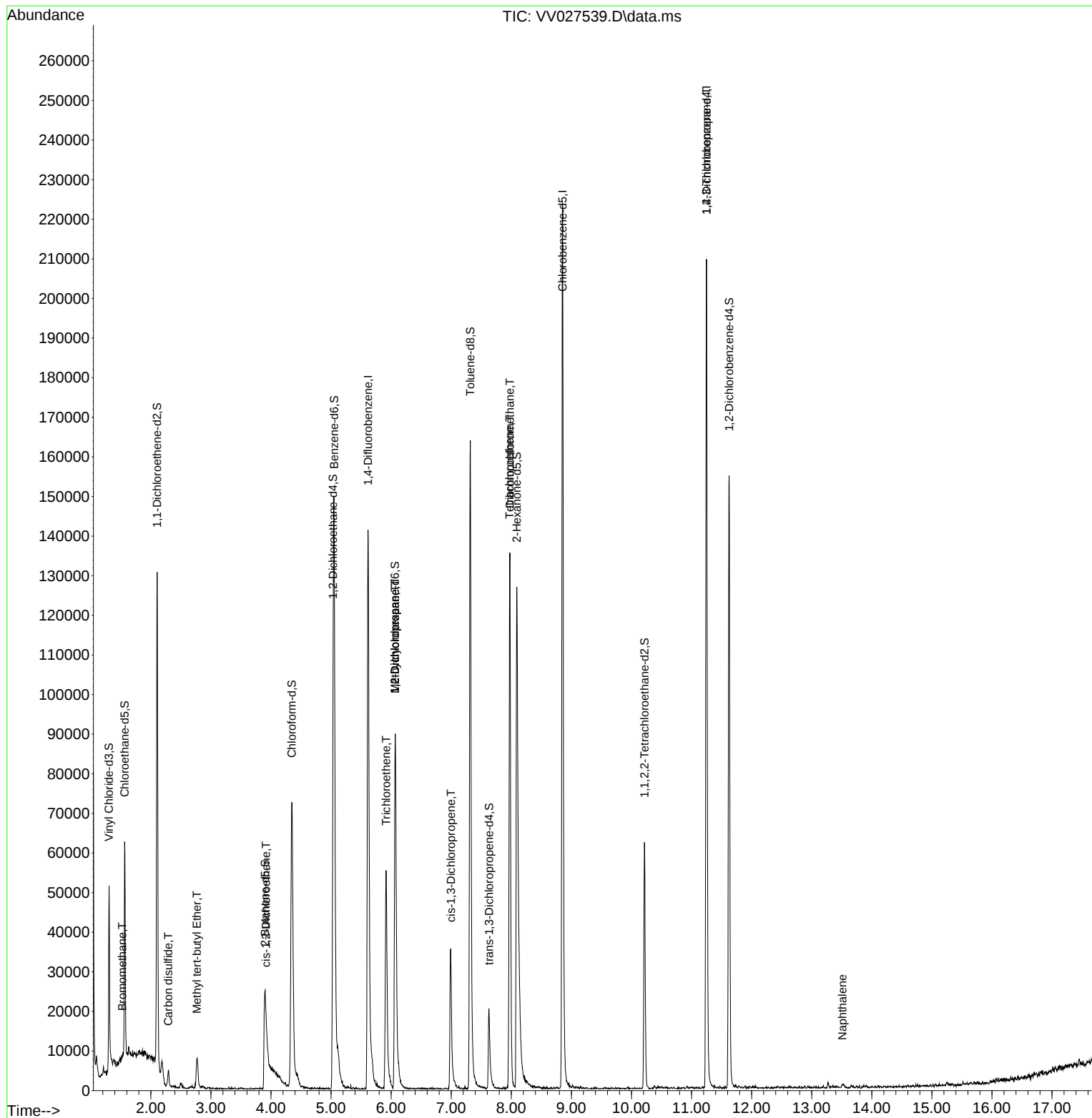
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	130133	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126083	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55503	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34416	3.716	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.564	69	35219	5.196	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.105	63	66522	3.080	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.600%
20) 2-Butanone-d5	3.899	46	44171	38.323	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.640%
24) Chloroform-d	4.346	84	77121	4.164	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
26) 1,2-Dichloroethane-d4	5.034	65	34910	4.357	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	5.050	84	142933	4.093	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.066	67	44998	4.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.317	98	115117	3.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	7.629	79	12985	3.735	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.800%
46) 2-Hexanone-d5	8.092	63	53007	46.320	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29584	4.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	40998	4.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
6) Bromomethane	1.523	94	595	0.099	ug/L	85
14) Carbon disulfide	2.291	76	4542	0.168	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	6877	0.338	ug/L #	88
22) cis-1,2-Dichloroethene	3.915	96	2035	0.188	ug/L	99
34) Trichloroethene	5.915	95	20384	1.848	ug/L	97
35) Methylcyclohexane	6.066	83	11296	0.728	ug/L #	15
37) 1,2-Dichloropropane	6.066	63	5293	0.474	ug/L #	85
39) cis-1,3-Dichloropropene	6.995	75	1187	0.088	ug/L #	77
47) Tetrachloroethene	7.973	164	30346	3.531	ug/L	97
49) Dibromochloromethane	7.976	129	27876	3.172	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	6725	1.381	ug/L #	66
71) Naphthalene	13.513	128	1417	0.105	ug/L #	69

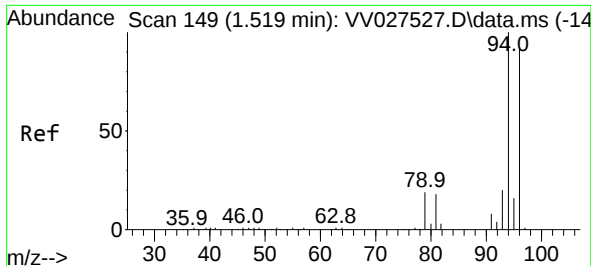
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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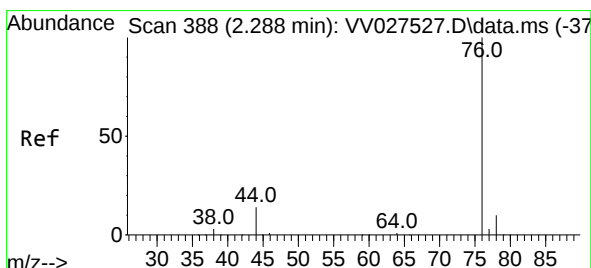
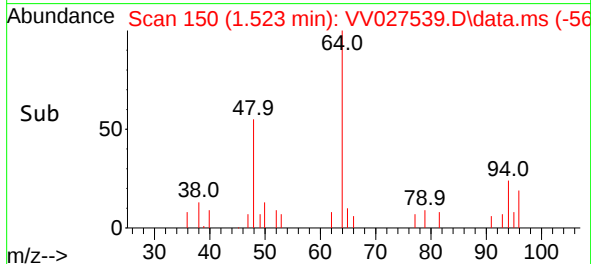
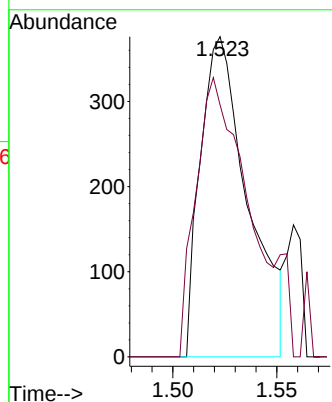
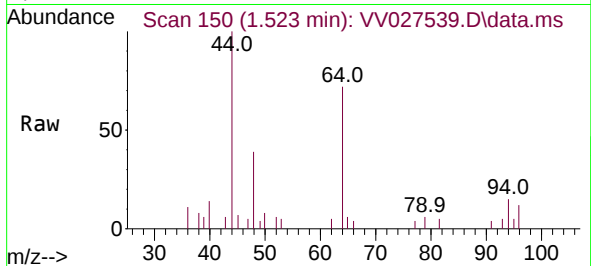




#6
Bromomethane
Concen: 0.099 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027539.D
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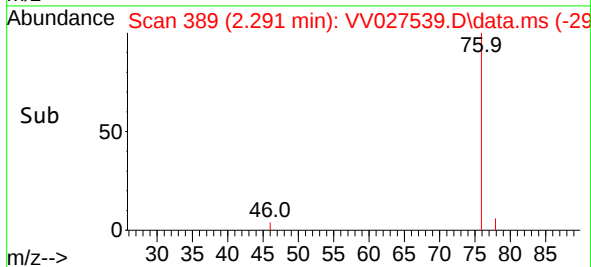
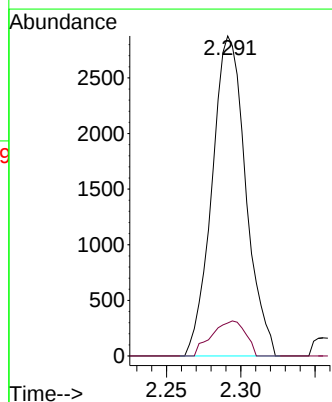
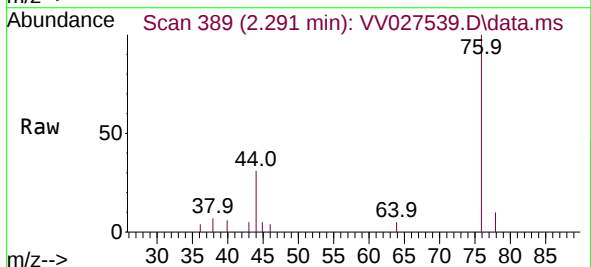
Instrument :
MSVOA_V
ClientSampleId :

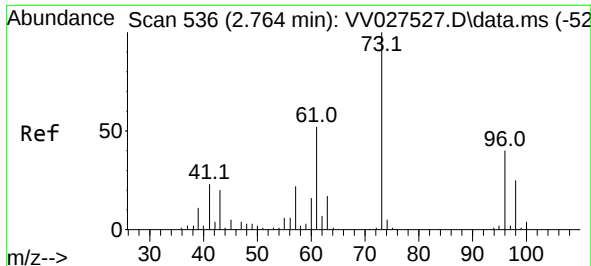
Tgt Ion: 94 Resp: 595
Ion Ratio Lower Upper
94 100
96 78.7 65.2 121.0



#14
Carbon disulfide
Concen: 0.168 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV027539.D
Acq: 26 Aug 2022 17:16

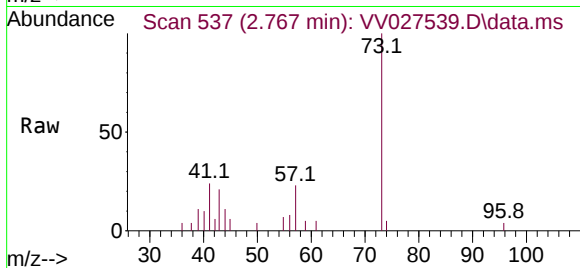
Tgt Ion: 76 Resp: 4542
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9



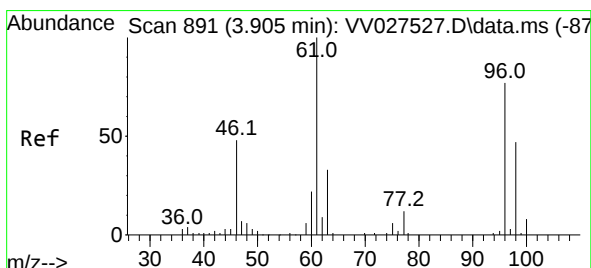
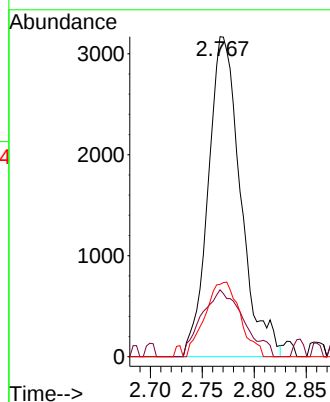
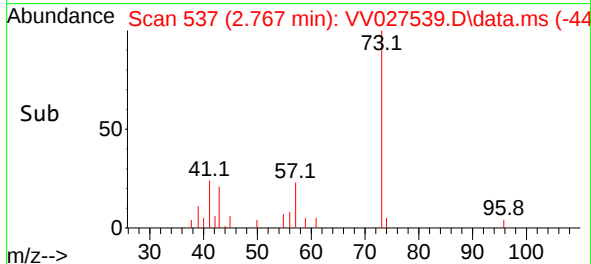


#17
Methyl tert-butyl Ether
Concen: 0.338 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027539.D
Acq: 26 Aug 2022 17:16

Instrument :
MSVOA_V
ClientSampleId :

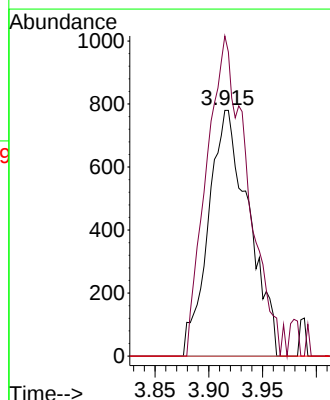
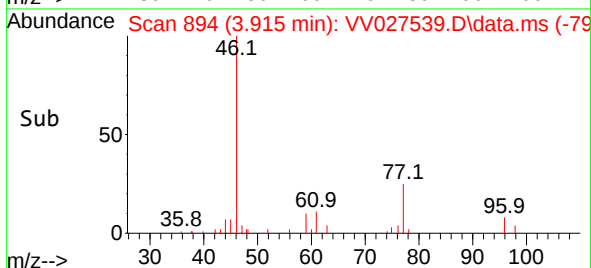
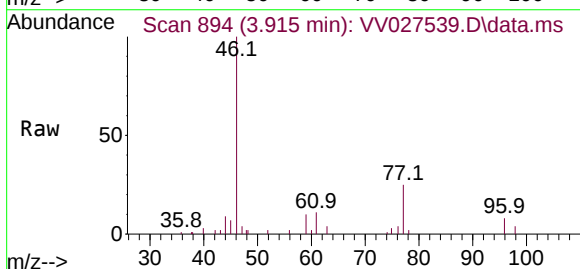


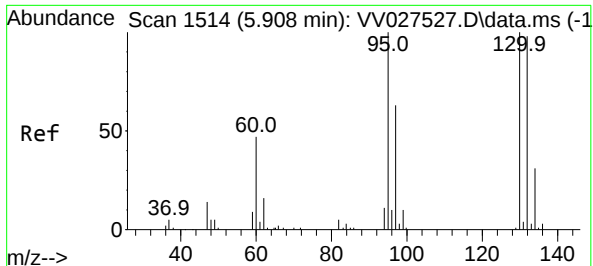
Tgt Ion: 73 Resp: 6877
Ion Ratio Lower Upper
73 100
43 27.0 15.6 23.4#
57 25.1 17.0 25.6



#22
cis-1,2-Dichloroethene
Concen: 0.188 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV027539.D
Acq: 26 Aug 2022 17:16

Tgt Ion: 96 Resp: 2035
Ion Ratio Lower Upper
96 100
61 130.3 90.6 168.2
68 0.0 0.0 0.0

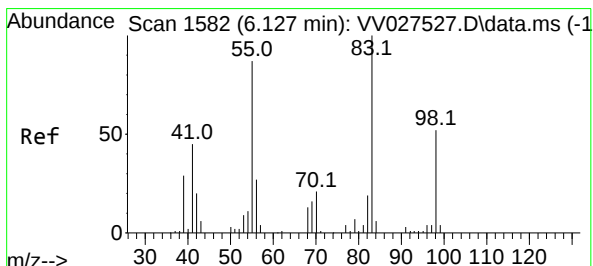
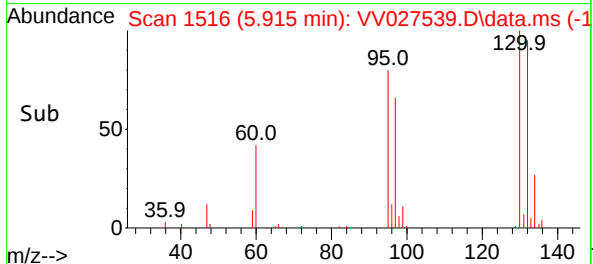
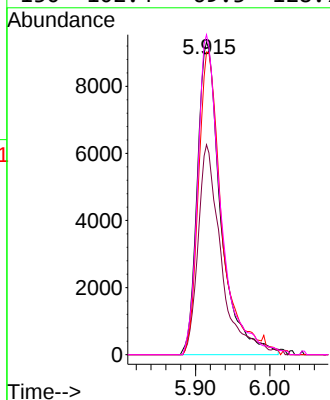
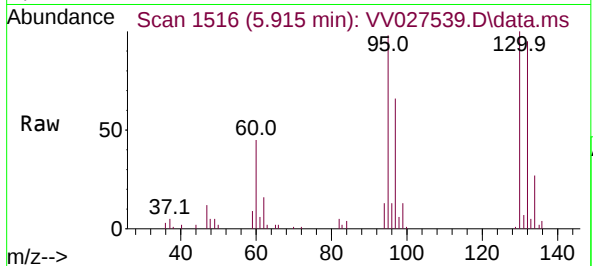




#34
Trichloroethene
Concen: 1.848 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV027539.D
Acq: 26 Aug 2022 17:16

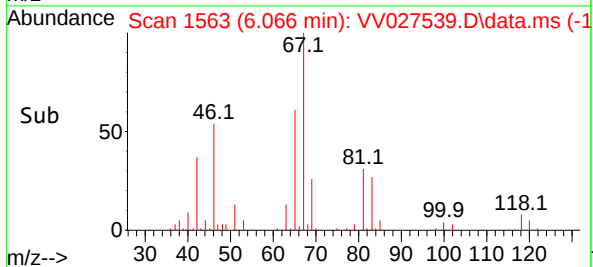
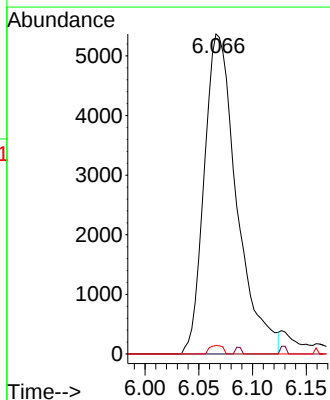
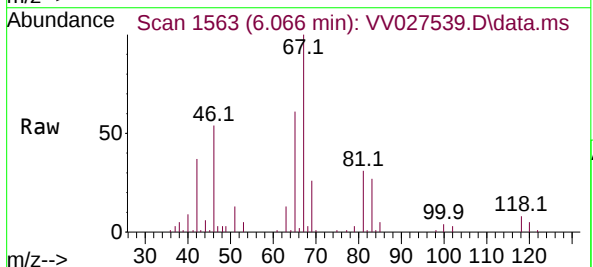
Instrument :
MSVOA_V
ClientSampleId :

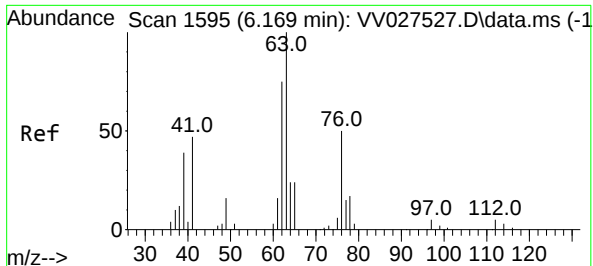
Tgt Ion: 95 Resp: 20384
Ion Ratio Lower Upper
95 100
97 67.2 45.0 83.6
132 96.9 65.7 121.9
130 102.4 69.3 128.7



#35
Methylcyclohexane
Concen: 0.728 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027539.D
Acq: 26 Aug 2022 17:16

Tgt Ion: 83 Resp: 11296
Ion Ratio Lower Upper
83 100
55 0.4 68.2 102.4#
98 1.1 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.474 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027539.D

Acq: 26 Aug 2022 17:16

Instrument :

MSVOA_V

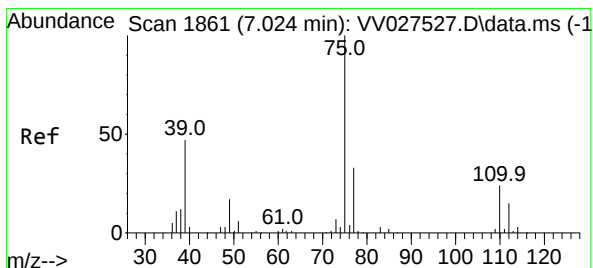
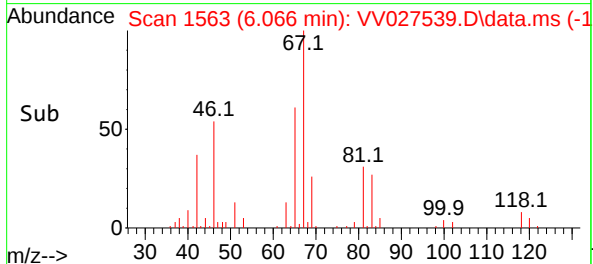
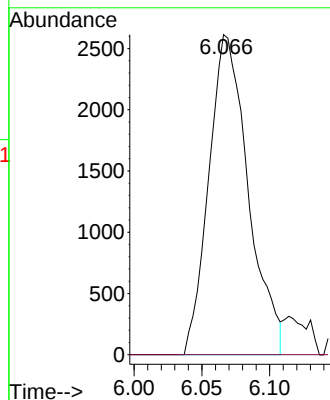
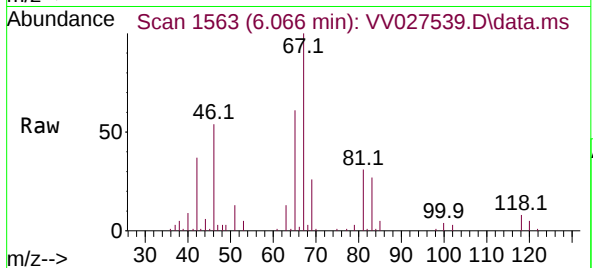
ClientSampleId :

Tgt Ion: 63 Resp: 5293

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.029 min

Lab File: VV027539.D

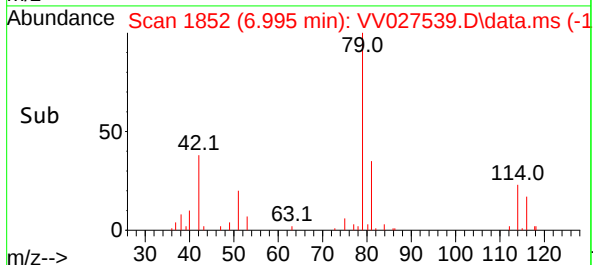
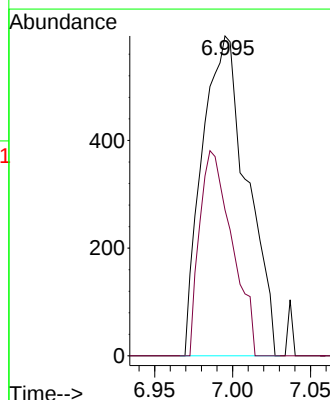
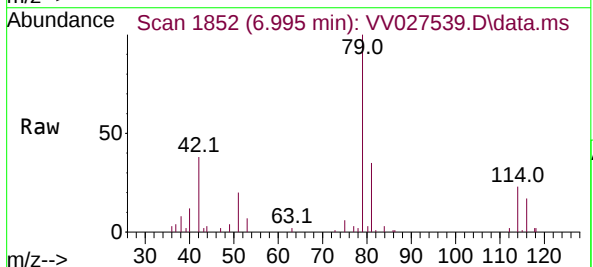
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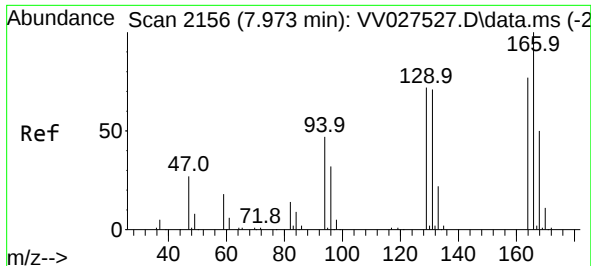
Tgt Ion: 75 Resp: 1187

Ion Ratio Lower Upper

75 100

77 45.6 22.9 42.5#





#47

Tetrachloroethene

Concen: 3.531 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

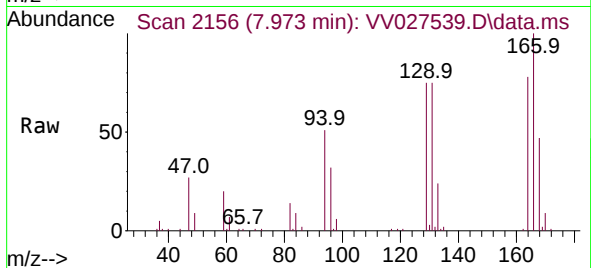
Lab File: VV027539.D

Acq: 26 Aug 2022 17:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 30346

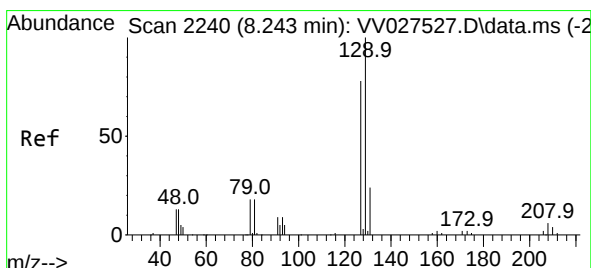
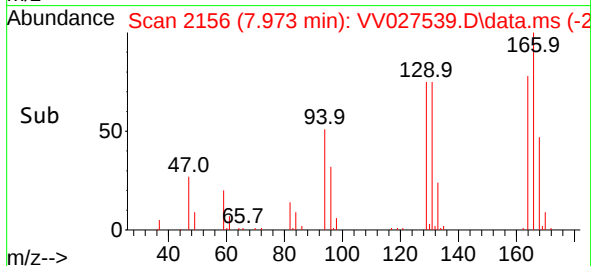
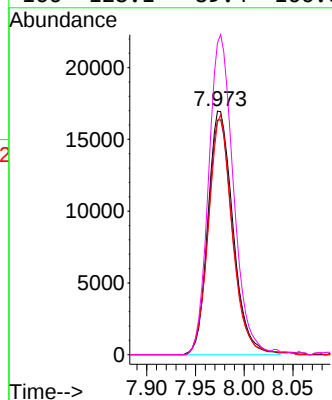
Ion Ratio Lower Upper

164 100

129 96.3 71.1 132.1

131 95.5 64.5 119.9

166 128.1 89.4 166.0



#49

Dibromochloromethane

Concen: 3.172 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027539.D

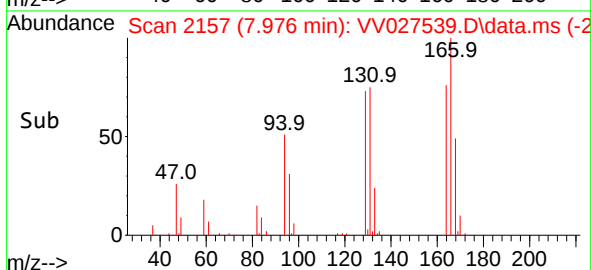
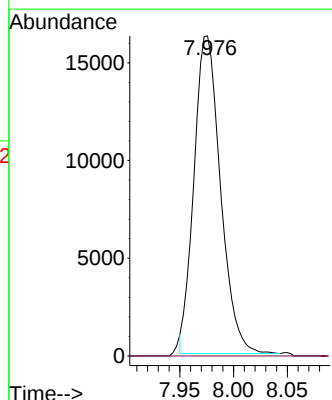
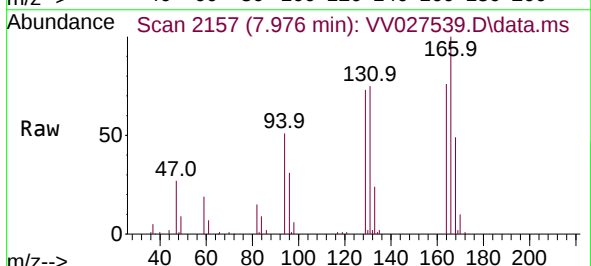
Acq: 26 Aug 2022 17:16

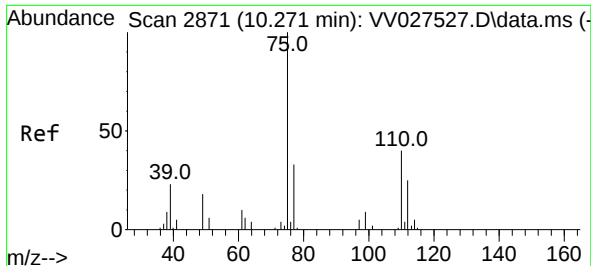
Tgt Ion:129 Resp: 27876

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#

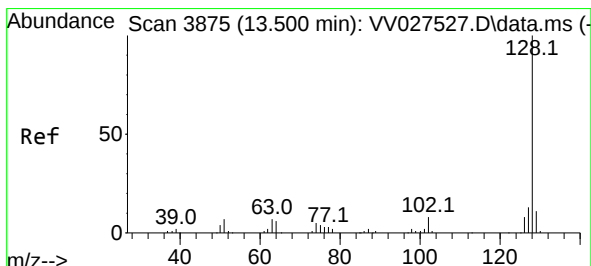
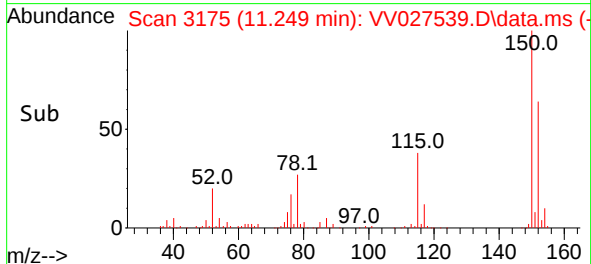
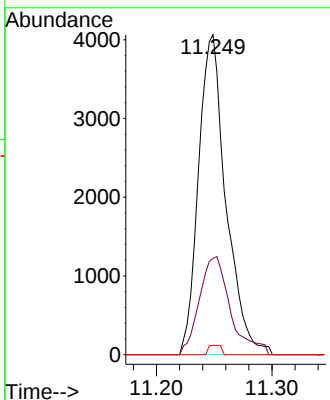
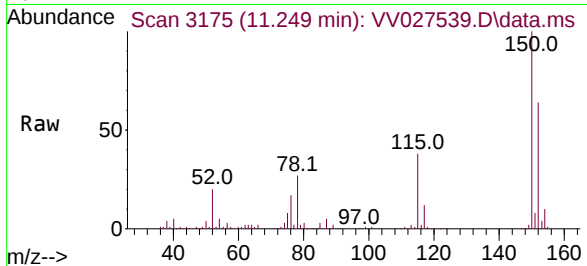




#61
1,2,3-Trichloropropane
Concen: 1.381 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV027539.D
Acq: 26 Aug 2022 17:16

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 6725
Ion Ratio Lower Upper
75 100
77 34.7 26.2 39.2
110 1.3 29.9 44.9#



#71
Naphthalene
Concen: 0.105 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV027539.D
Acq: 26 Aug 2022 17:16

Tgt Ion: 128 Resp: 1417
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.4 15.6#

