

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027704.D
 Acq On : 02 Sep 2022 07:07
 Operator : SY/MD
 Sample : N4402-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 04:14:07 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)

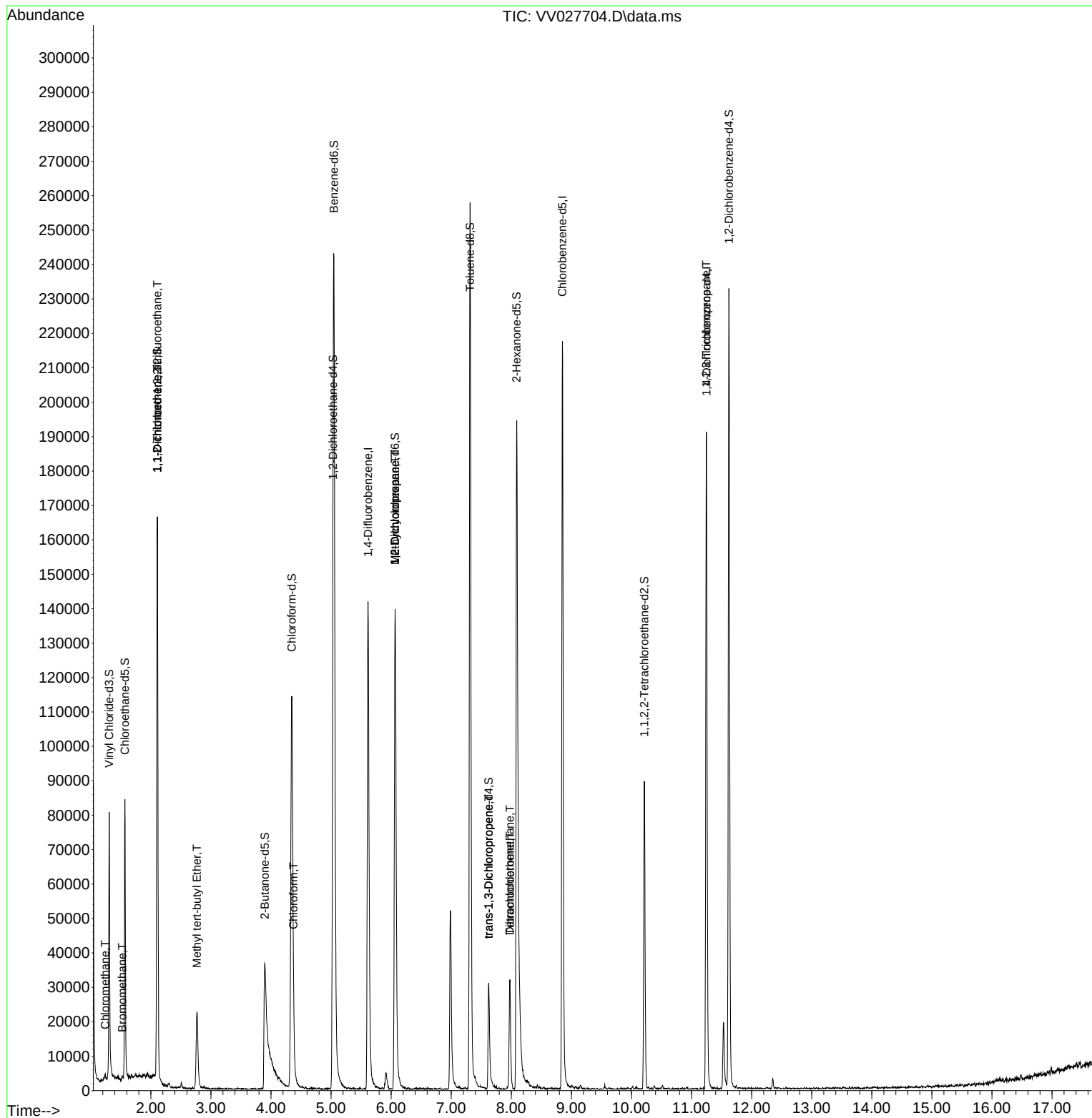
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	125635	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	121258	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51930	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	54460	3.990	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.568	69	51483	4.508	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.108	63	87525	3.277	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	3.896	46	71753	31.094	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.180%
24) Chloroform-d	4.346	84	120219	4.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.031	65	56664	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.047	84	224569	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.066	67	67173	4.372	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.314	98	178502	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	7.622	79	19526	4.126	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.088	63	77770	43.695	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40363	4.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	59589	5.125	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	869	0.053	ug/L #	63
6) Bromomethane	1.523	94	476	0.065	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1126	0.099	ug/L #	19
12) 1,1-Dichloroethene	2.108	96	884	0.084	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	21966	0.981	ug/L	98
25) Chloroform	4.375	83	5003	0.205	ug/L	99
35) Methylcyclohexane	6.066	83	17235	0.955	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	8471	0.709	ug/L #	89
44) trans-1,3-Dichloropropene	7.622	75	861	0.072	ug/L #	11
47) Tetrachloroethene	7.976	164	7252	0.769	ug/L	95
49) Dibromochloromethane	7.976	129	6740	0.738	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	5586	1.063	ug/L #	67

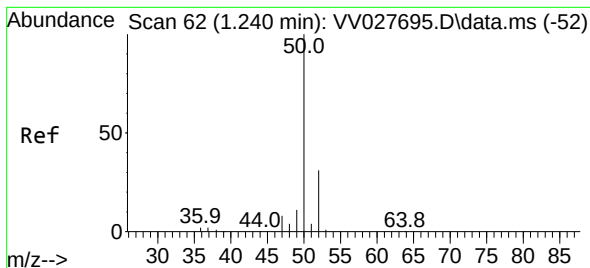
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.053 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV027704.D

Acq: 02 Sep 2022 07:07

Instrument :

MSVOA_V

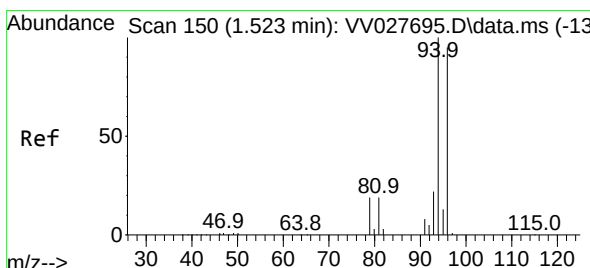
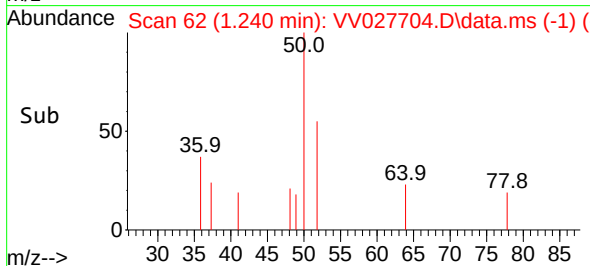
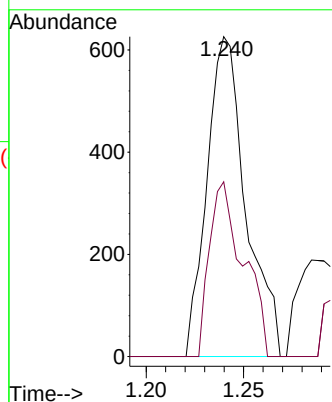
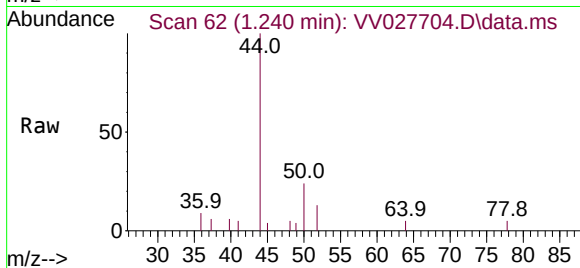
ClientSampleId :

Tgt Ion: 50 Resp: 869

Ion Ratio Lower Upper

50 100

52 54.6 23.5 43.7#



#6

Bromomethane

Concen: 0.065 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.000 min

Lab File: VV027704.D

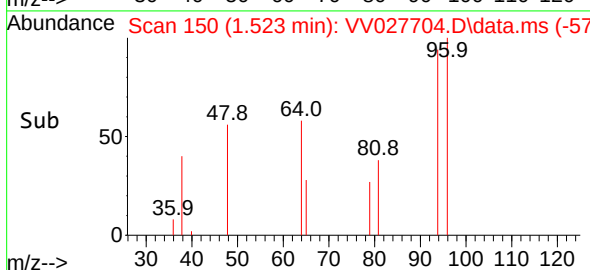
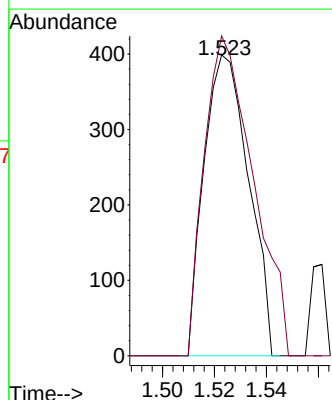
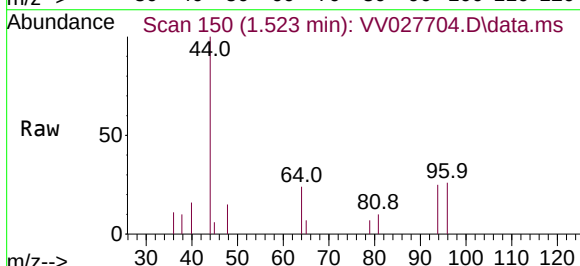
Acq: 02 Sep 2022 07:07

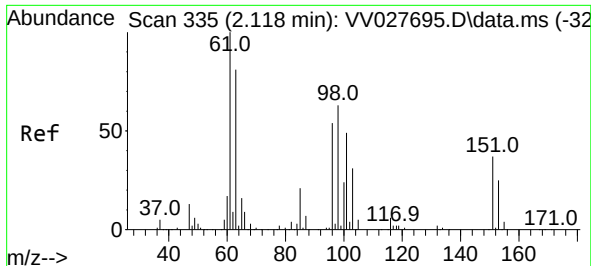
Tgt Ion: 94 Resp: 476

Ion Ratio Lower Upper

94 100

96 106.3 65.1 120.9

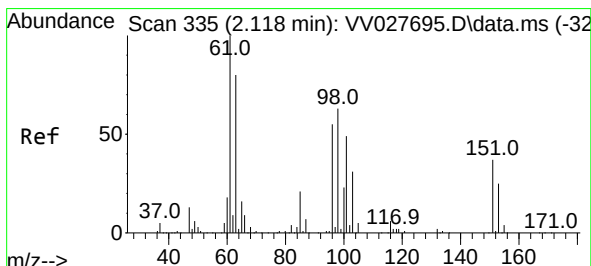
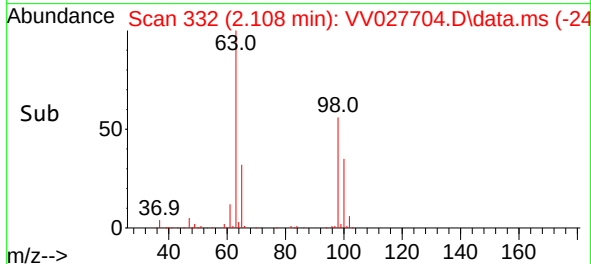
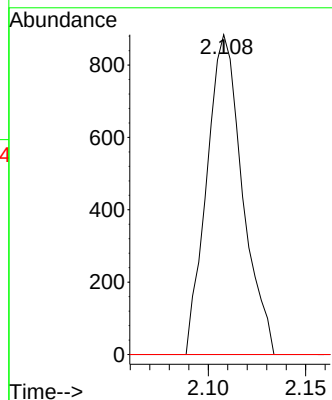
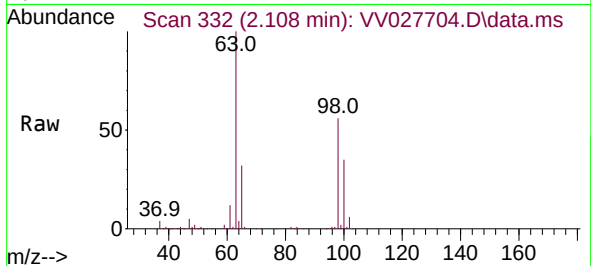




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.099 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.010 min
 Lab File: VV027704.D
 Acq: 02 Sep 2022 07:07

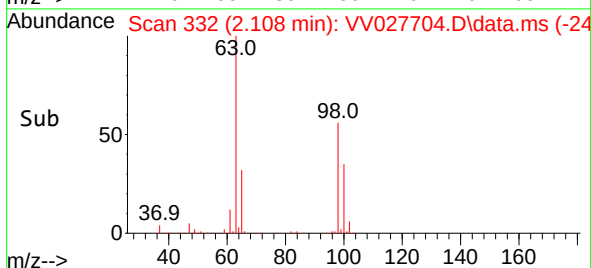
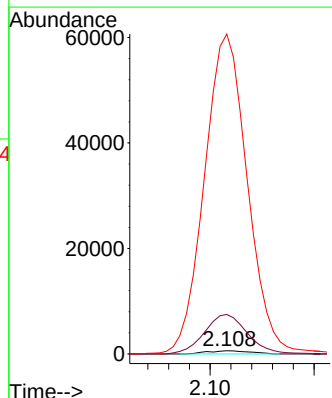
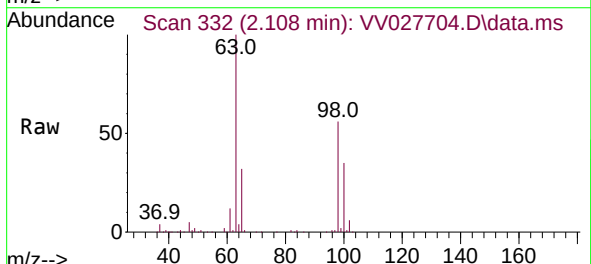
Instrument :
 MSVOA_V
 ClientSampleId :

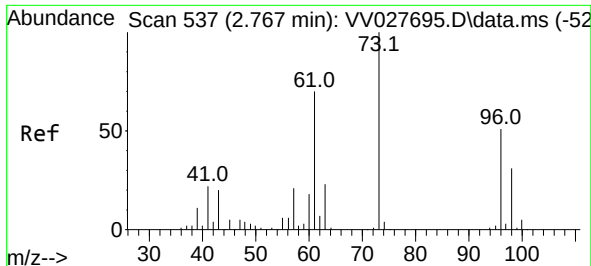
Tgt Ion: 101 Resp: 1126
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.7 55.1#
 151 0.0 60.9 91.3#



#12
 1,1-Dichloroethene
 Concen: 0.084 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.010 min
 Lab File: VV027704.D
 Acq: 02 Sep 2022 07:07

Tgt Ion: 96 Resp: 884
 Ion Ratio Lower Upper
 96 100
 61 1201.9 134.3 249.3#
 63 9738.7 105.7 196.3#





#17

Methyl tert-butyl Ether

Concen: 0.981 ug/L

RT: 2.767 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV027704.D

Acq: 02 Sep 2022 07:07

Instrument :

MSVOA_V

ClientSampleId :

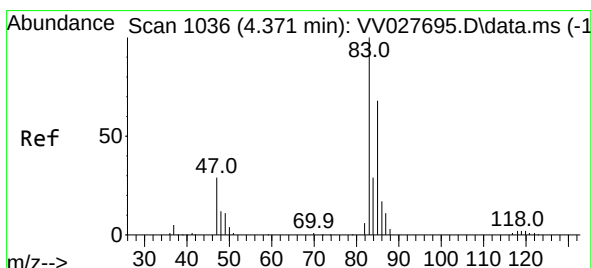
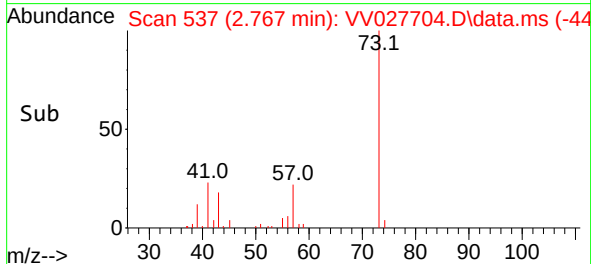
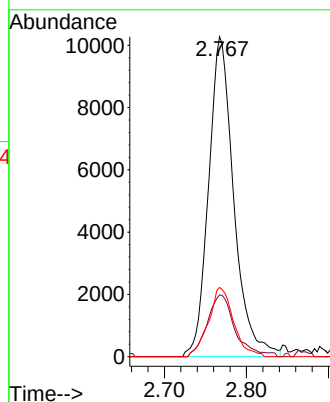
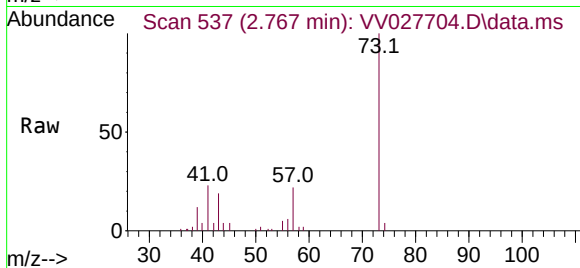
Tgt Ion: 73 Resp: 21966

Ion Ratio Lower Upper

73 100

43 21.4 16.5 24.7

57 21.5 18.2 27.2



#25

Chloroform

Concen: 0.205 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV027704.D

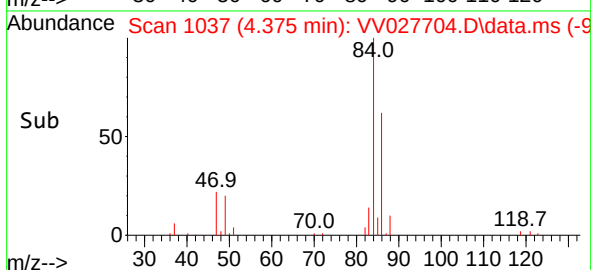
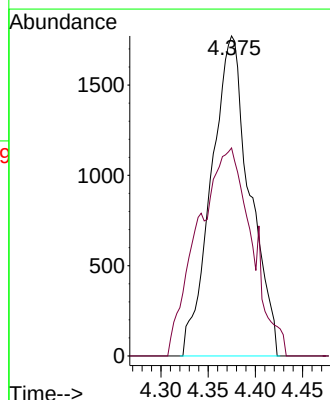
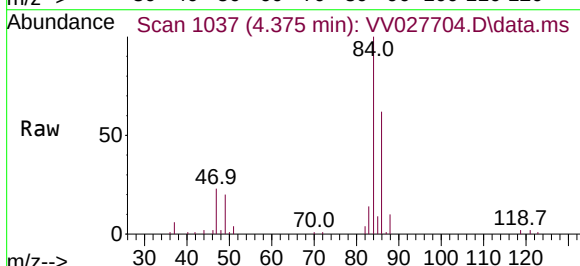
Acq: 02 Sep 2022 07:07

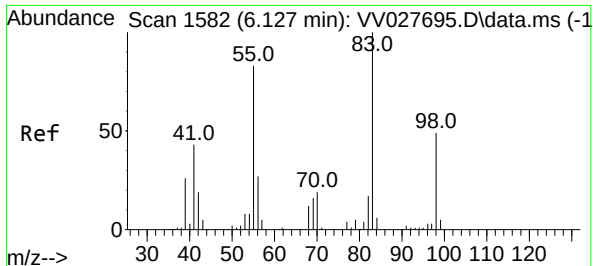
Tgt Ion: 83 Resp: 5003

Ion Ratio Lower Upper

83 100

85 65.0 44.7 83.1





#35

Methylcyclohexane

Concen: 0.955 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027704.D

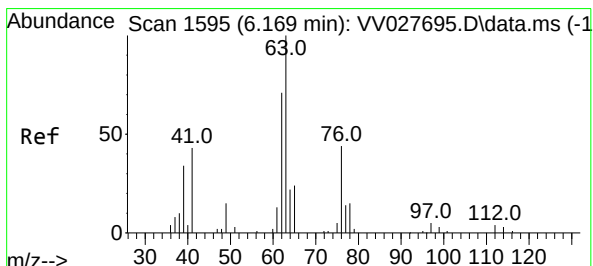
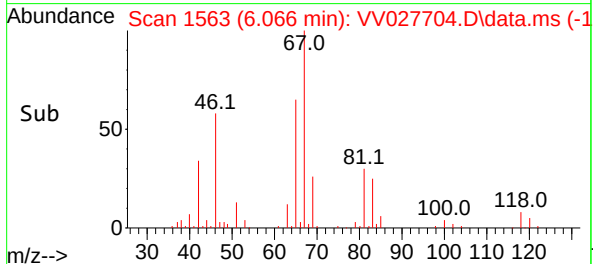
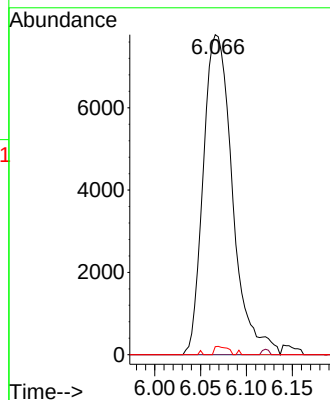
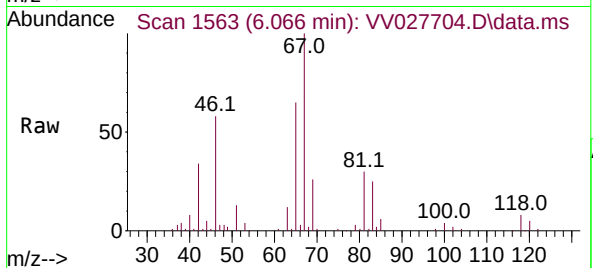
Acq: 02 Sep 2022 07:07

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	17235
Ion Ratio	Lower	Upper	
83	100		
55	0.0	66.0	99.0#
98	1.1	36.9	55.3#



#37

1,2-Dichloropropane

Concen: 0.709 ug/L

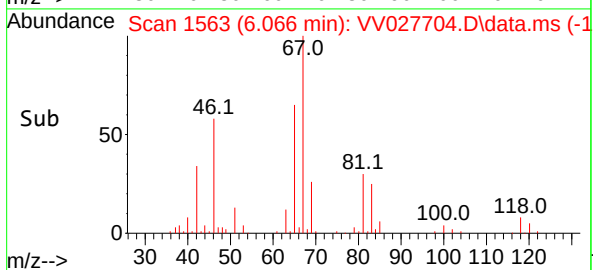
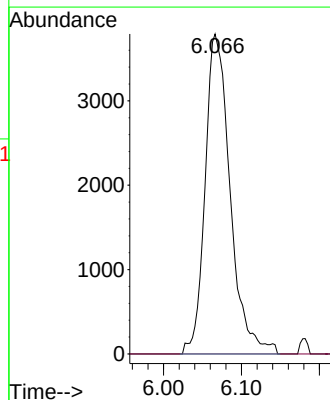
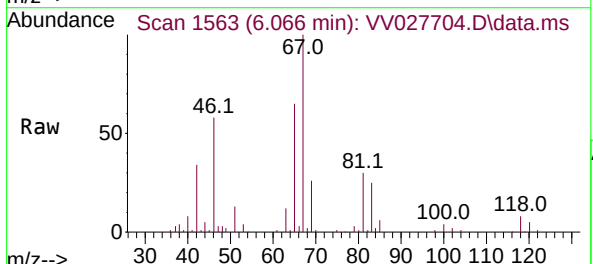
RT: 6.066 min Scan# 1563

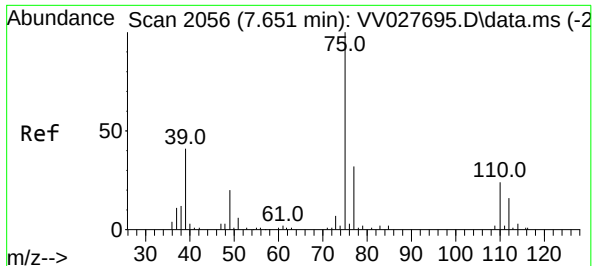
Delta R.T. -0.103 min

Lab File: VV027704.D

Acq: 02 Sep 2022 07:07

Tgt Ion:	63	Resp:	8471
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.9	4.3#

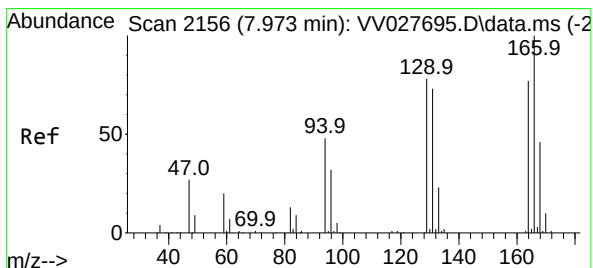
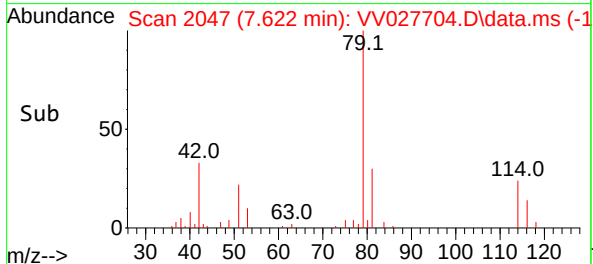
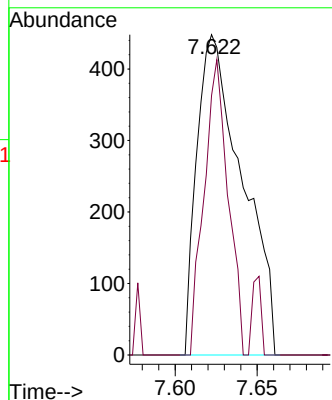
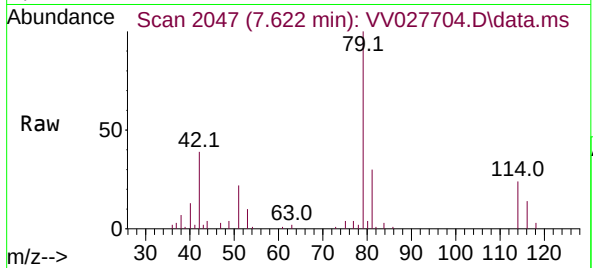




#44
trans-1,3-Dichloropropene
Concen: 0.072 ug/L
RT: 7.622 min Scan# 2056
Delta R.T. -0.029 min
Lab File: VV027704.D
Acq: 02 Sep 2022 07:07

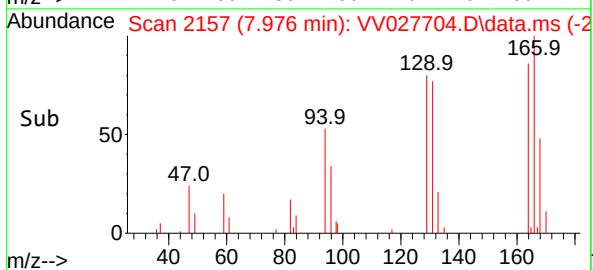
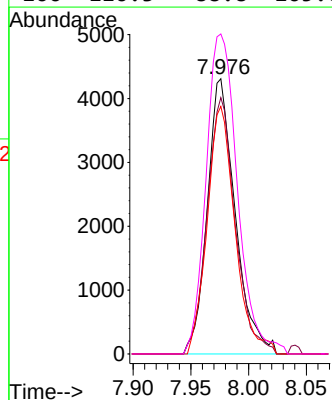
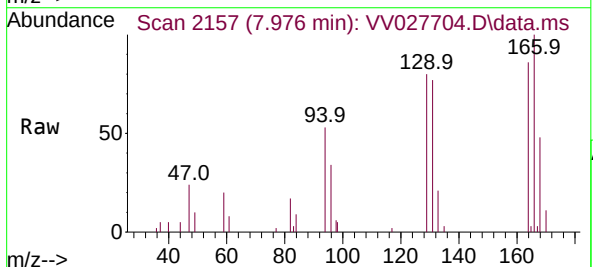
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MSVOA_V
ClientSampleId :

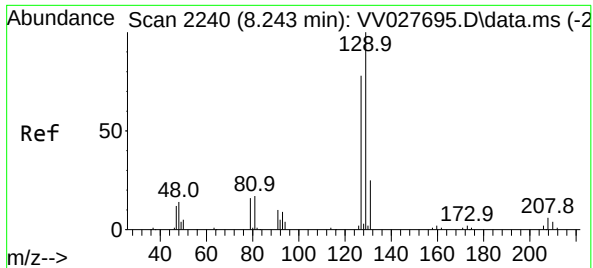
Tgt Ion: 75 Resp: 861
Ion Ratio Lower Upper
75 100
77 81.0 22.0 41.0#



#47
Tetrachloroethene
Concen: 0.769 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV027704.D
Acq: 02 Sep 2022 07:07

Tgt Ion: 164 Resp: 7252
Ion Ratio Lower Upper
164 100
129 93.2 65.9 122.3
131 90.0 64.5 119.7
166 116.3 88.8 165.0





#49

Dibromochloromethane

Concen: 0.738 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027704.D

Acq: 02 Sep 2022 07:07

Instrument :

MSVOA_V

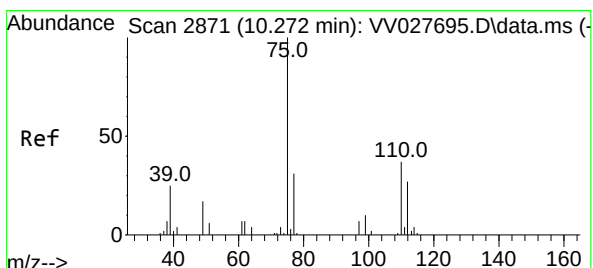
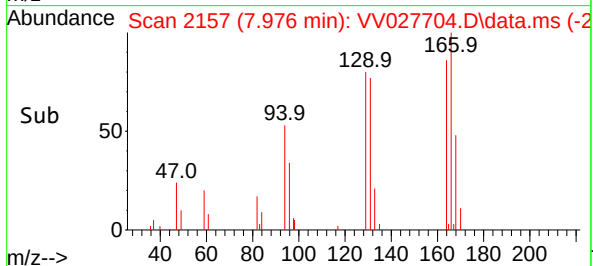
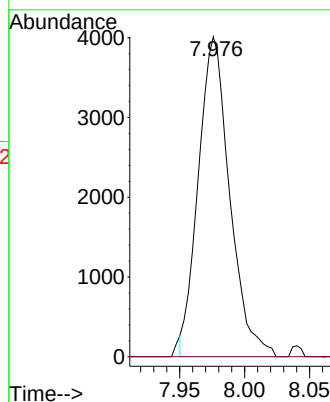
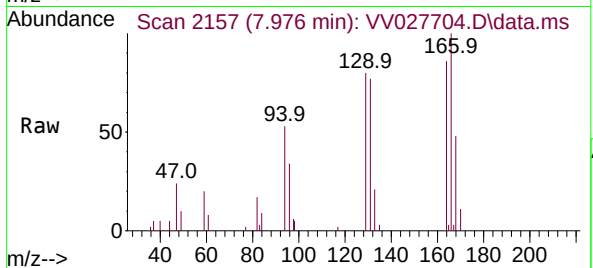
ClientSampleId :

Tgt Ion:129 Resp: 6740

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.063 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027704.D

Acq: 02 Sep 2022 07:07

Tgt Ion: 75 Resp: 5586

Ion Ratio Lower Upper

75 100

77 32.8 25.8 38.6

110 1.3 29.8 44.8#

