

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027705.D
 Acq On : 02 Sep 2022 07:31
 Operator : SY/MD
 Sample : N4402-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 04:14:22 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

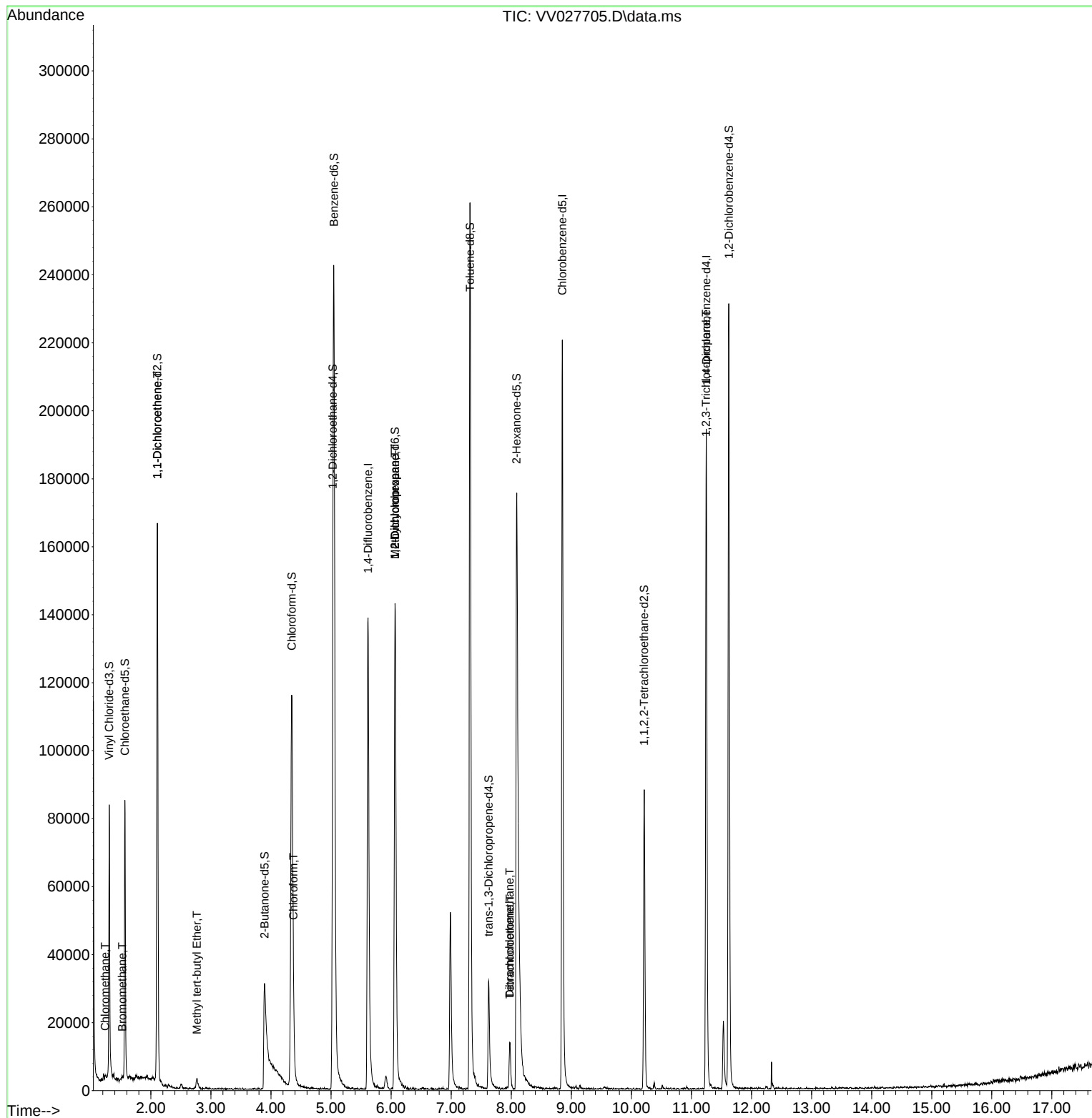
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	122318	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	122501	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	52287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56079	4.220	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.400%	
7) Chloroethane-d5	1.568	69	52006	4.678	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.108	63	88527	3.404	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.000%	
20) 2-Butanone-d5	3.892	46	73596	32.758	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	65.520%	
24) Chloroform-d	4.346	84	121834	4.567	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
26) 1,2-Dichloroethane-d4	5.031	65	56801	4.753	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
32) Benzene-d6	5.047	84	224417	4.472	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
36) 1,2-Dichloropropane-d6	6.066	67	68362	4.405	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.000%	
41) Toluene-d8	7.314	98	180894	4.163	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.200%	
43) trans-1,3-Dichloroprop...	7.625	79	19830	4.147	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.000%	
46) 2-Hexanone-d5	8.088	63	75576	42.032	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.060%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40763	4.081	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	60718	5.187	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						
3) Chloromethane	1.240	50	877	0.055	ug/L	99
6) Bromomethane	1.523	94	505	0.071	ug/L	100
12) 1,1-Dichloroethene	2.108	96	988	0.097	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	2605	0.119	ug/L #	81
25) Chloroform	4.375	83	7263	0.305	ug/L	90
35) Methylcyclohexane	6.066	83	17291	0.949	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	8050	0.667	ug/L #	90
47) Tetrachloroethene	7.979	164	3711	0.390	ug/L	74
49) Dibromochloromethane	7.976	129	2993	0.325	ug/L #	12
61) 1,2,3-Trichloropropane	11.243	75	5685	1.075	ug/L #	67

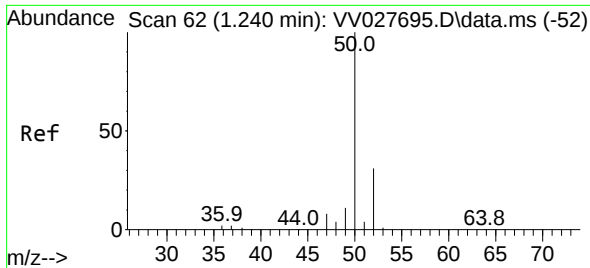
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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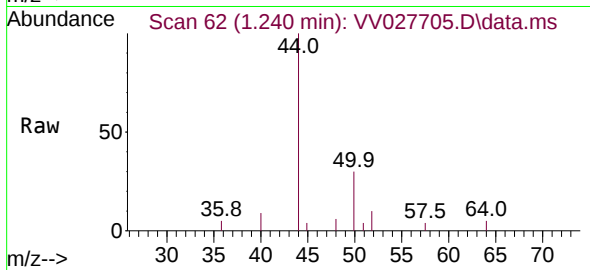
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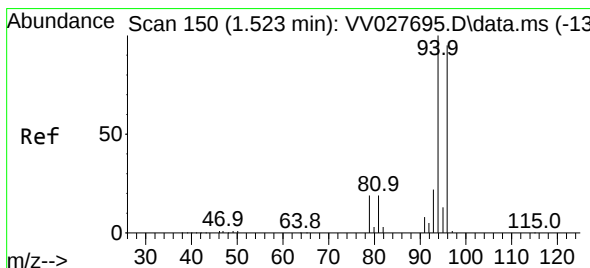
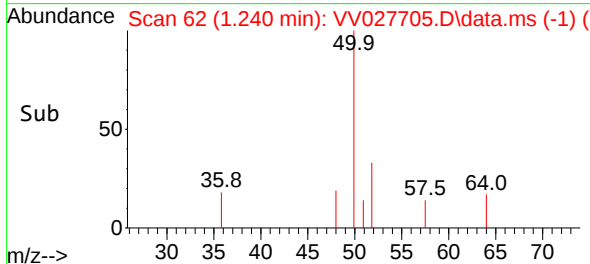
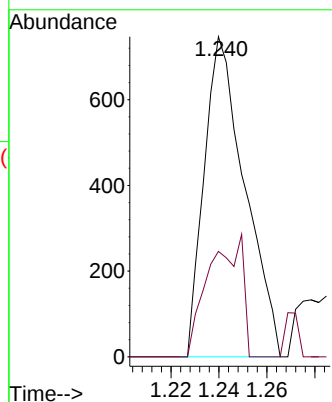


#3
Chloromethane
Concen: 0.055 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027705.D
Acq: 02 Sep 2022 07:31

Instrument :
MSVOA_V
ClientSampleId :

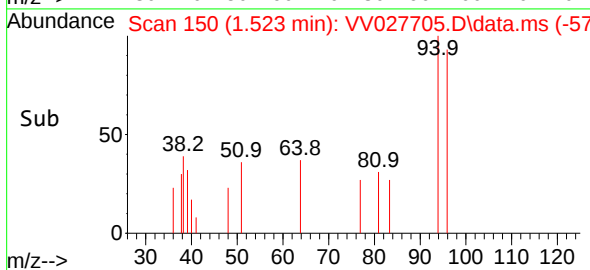
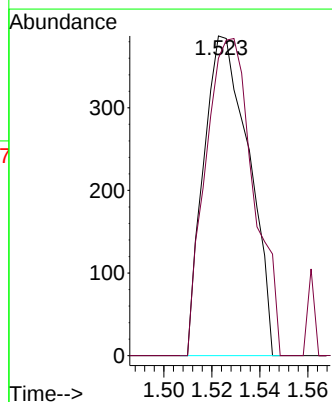
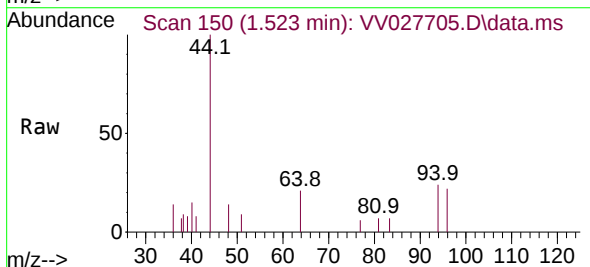


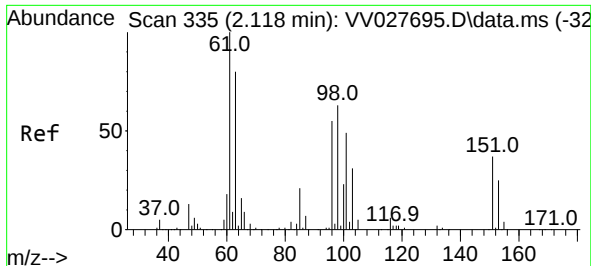
Tgt Ion: 50 Resp: 877
Ion Ratio Lower Upper
50 100
52 32.9 23.5 43.7



#6
Bromomethane
Concen: 0.071 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV027705.D
Acq: 02 Sep 2022 07:31

Tgt Ion: 94 Resp: 505
Ion Ratio Lower Upper
94 100
96 93.0 65.1 120.9





#12

1,1-Dichloroethene

Concen: 0.097 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

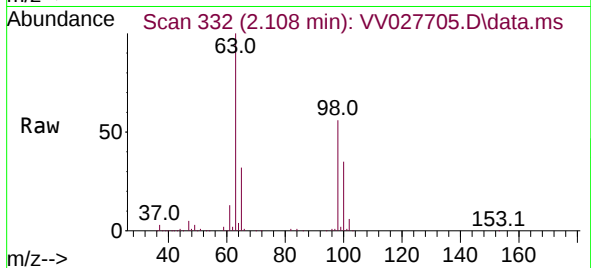
Lab File: VV027705.D

Acq: 02 Sep 2022 07:31

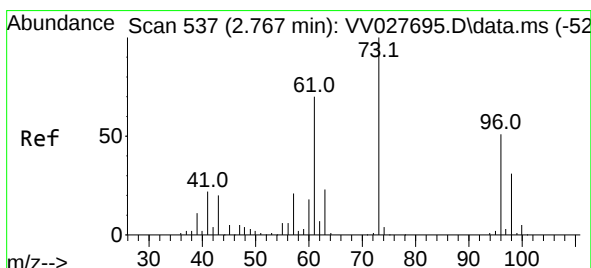
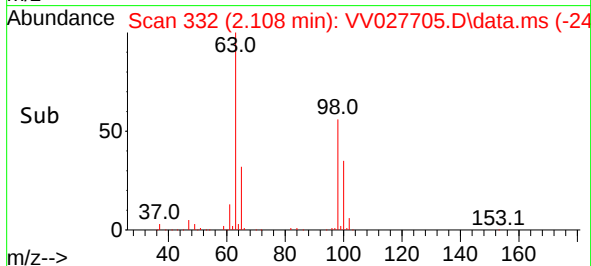
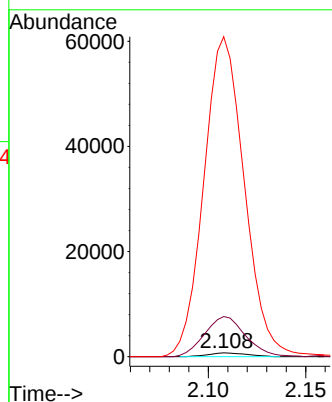
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	988
Ion	Ratio	Lower	Upper
96	100		
61	1047.3	134.3	249.3#
63	8351.2	105.7	196.3#



#17

Methyl tert-butyl Ether

Concen: 0.119 ug/L

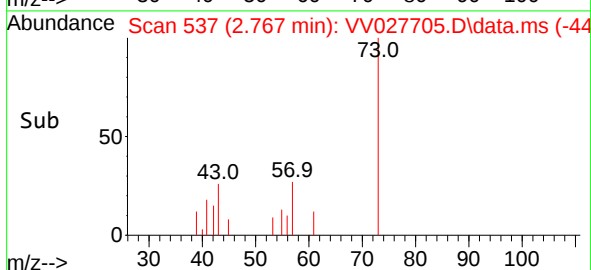
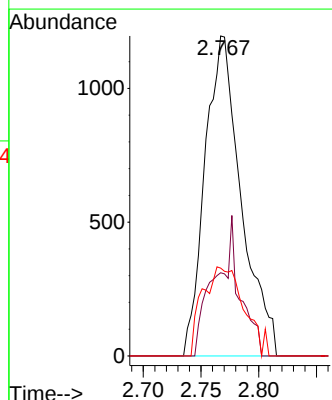
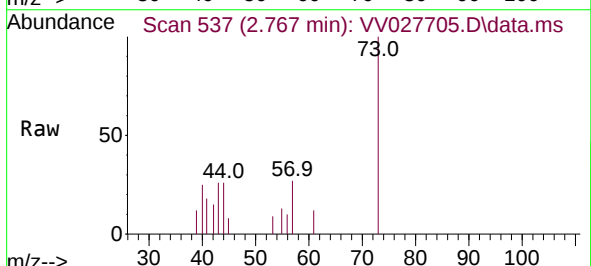
RT: 2.767 min Scan# 537

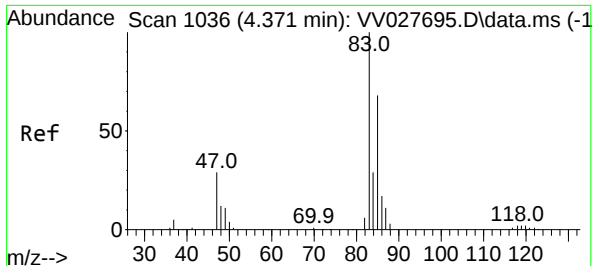
Delta R.T. 0.000 min

Lab File: VV027705.D

Acq: 02 Sep 2022 07:31

Tgt Ion:	73	Resp:	2605
Ion	Ratio	Lower	Upper
73	100		
43	29.9	16.5	24.7#
57	31.8	18.2	27.2#





#25

Chloroform

Concen: 0.305 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV027705.D

Acq: 02 Sep 2022 07:31

Instrument :

MSVOA_V

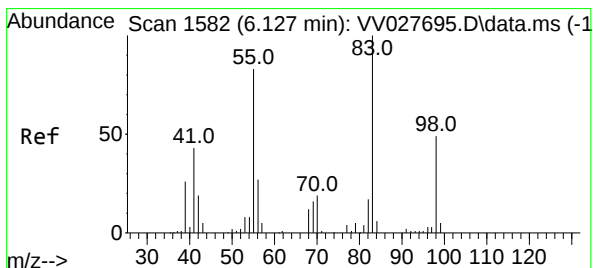
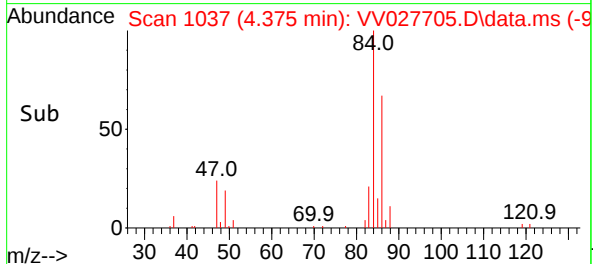
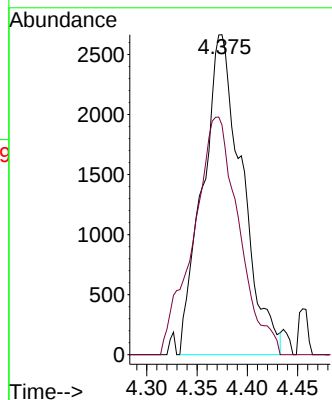
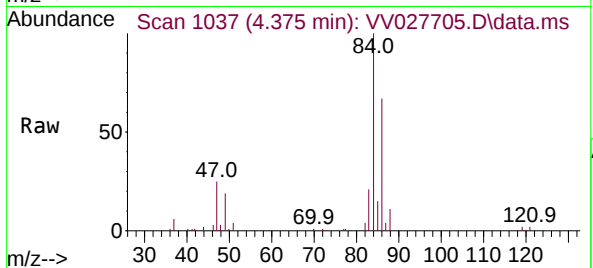
ClientSampleId :

Tgt Ion: 83 Resp: 7263

Ion Ratio Lower Upper

83 100

85 71.8 44.7 83.1



#35

Methylcyclohexane

Concen: 0.949 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027705.D

Acq: 02 Sep 2022 07:31

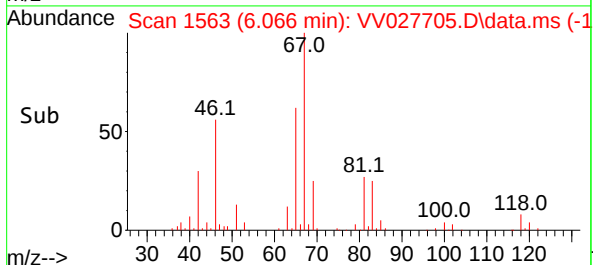
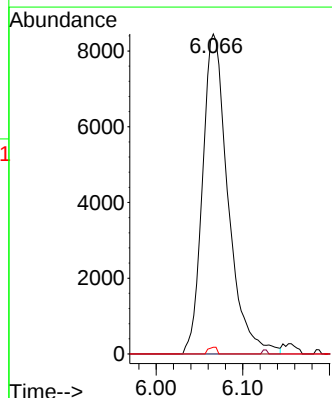
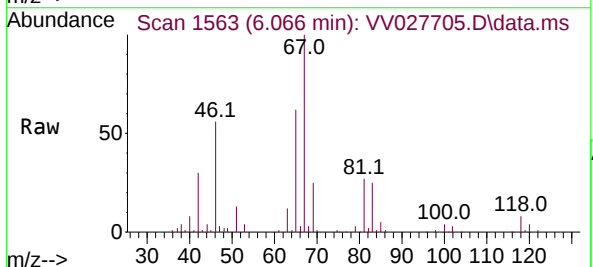
Tgt Ion: 83 Resp: 17291

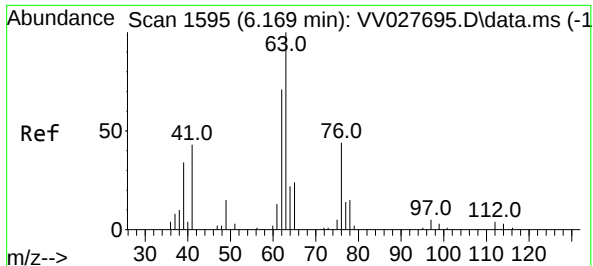
Ion Ratio Lower Upper

83 100

55 0.2 66.0 99.0#

98 0.7 36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.667 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV027705.D

Acq: 02 Sep 2022 07:31

Instrument :

MSVOA_V

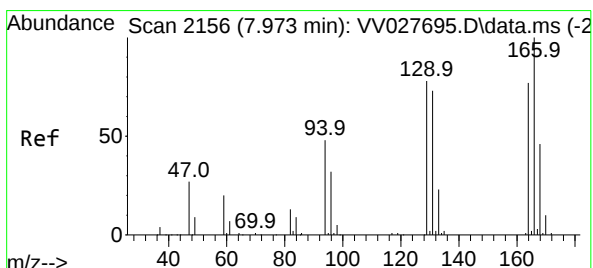
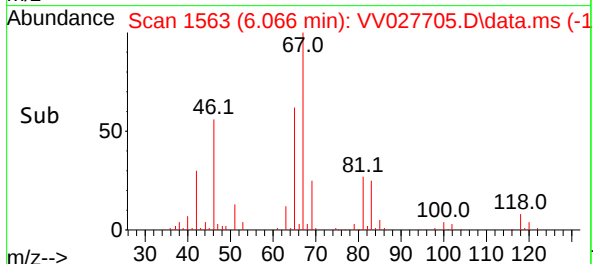
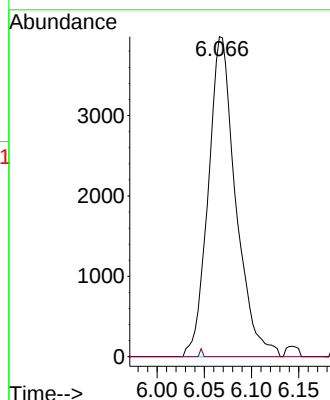
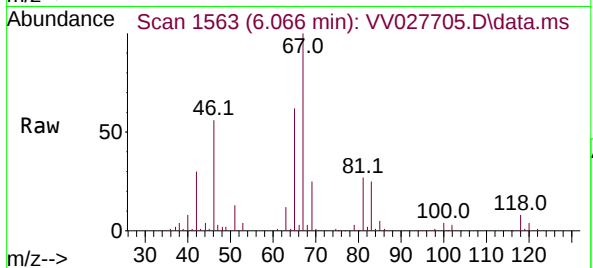
ClientSampleId :

Tgt Ion: 63 Resp: 8050

Ion Ratio Lower Upper

63 100

112 0.2 2.9 4.3#



#47

Tetrachloroethene

Concen: 0.390 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV027705.D

Acq: 02 Sep 2022 07:31

Tgt Ion: 164 Resp: 3711

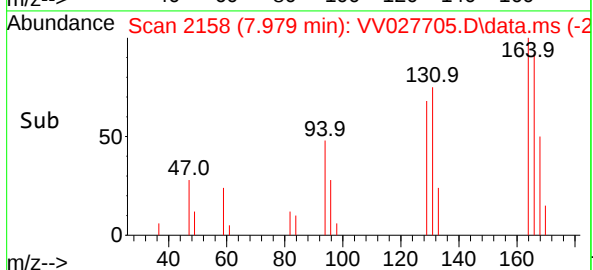
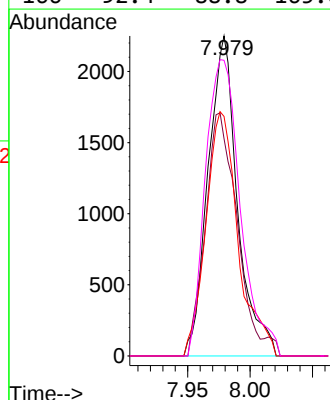
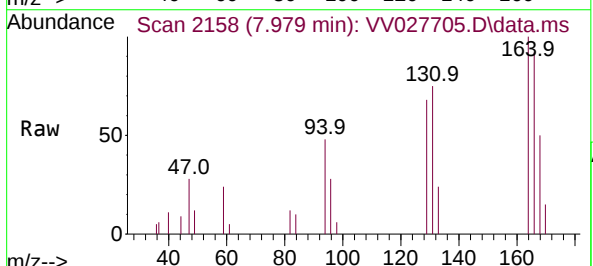
Ion Ratio Lower Upper

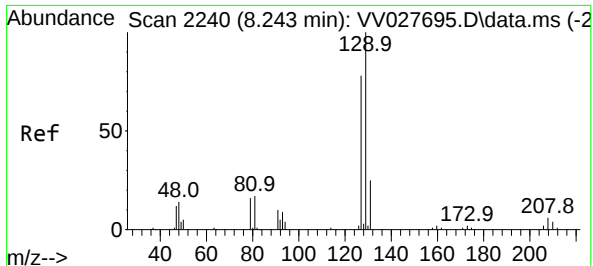
164 100

129 67.9 65.9 122.3

131 74.8 64.5 119.7

166 92.4 88.8 165.0





#49

Dibromochloromethane

Concen: 0.325 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV027705.D

Acq: 02 Sep 2022 07:31

Instrument :

MSVOA_V

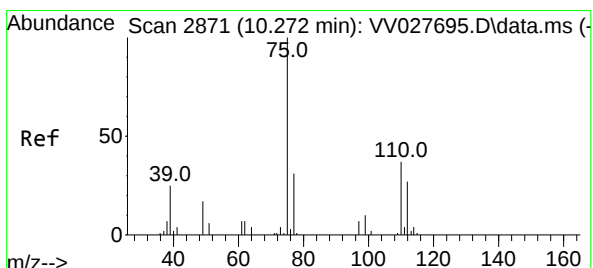
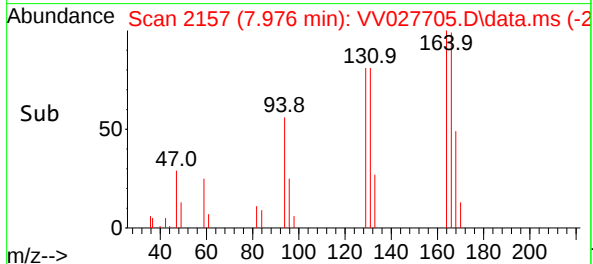
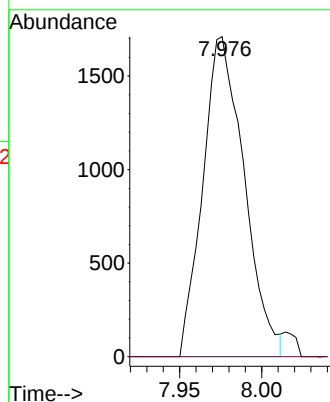
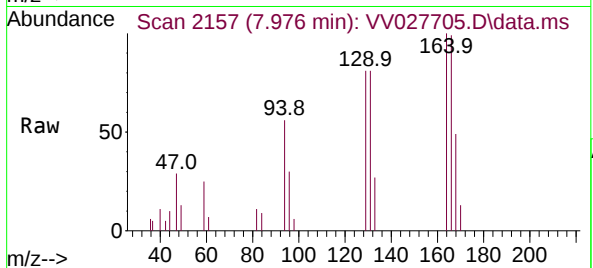
ClientSampleId :

Tgt Ion:129 Resp: 2993

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#



#61

1,2,3-Trichloropropane

Concen: 1.075 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.971 min

Lab File: VV027705.D

Acq: 02 Sep 2022 07:31

Tgt Ion: 75 Resp: 5685

Ion Ratio Lower Upper

75 100

77 33.8 25.8 38.6

110 1.8 29.8 44.8#

