

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027637.D
 Acq On : 01 Sep 2022 00:18
 Operator : SY/MD
 Sample : N4366-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 04:15:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 02:22:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

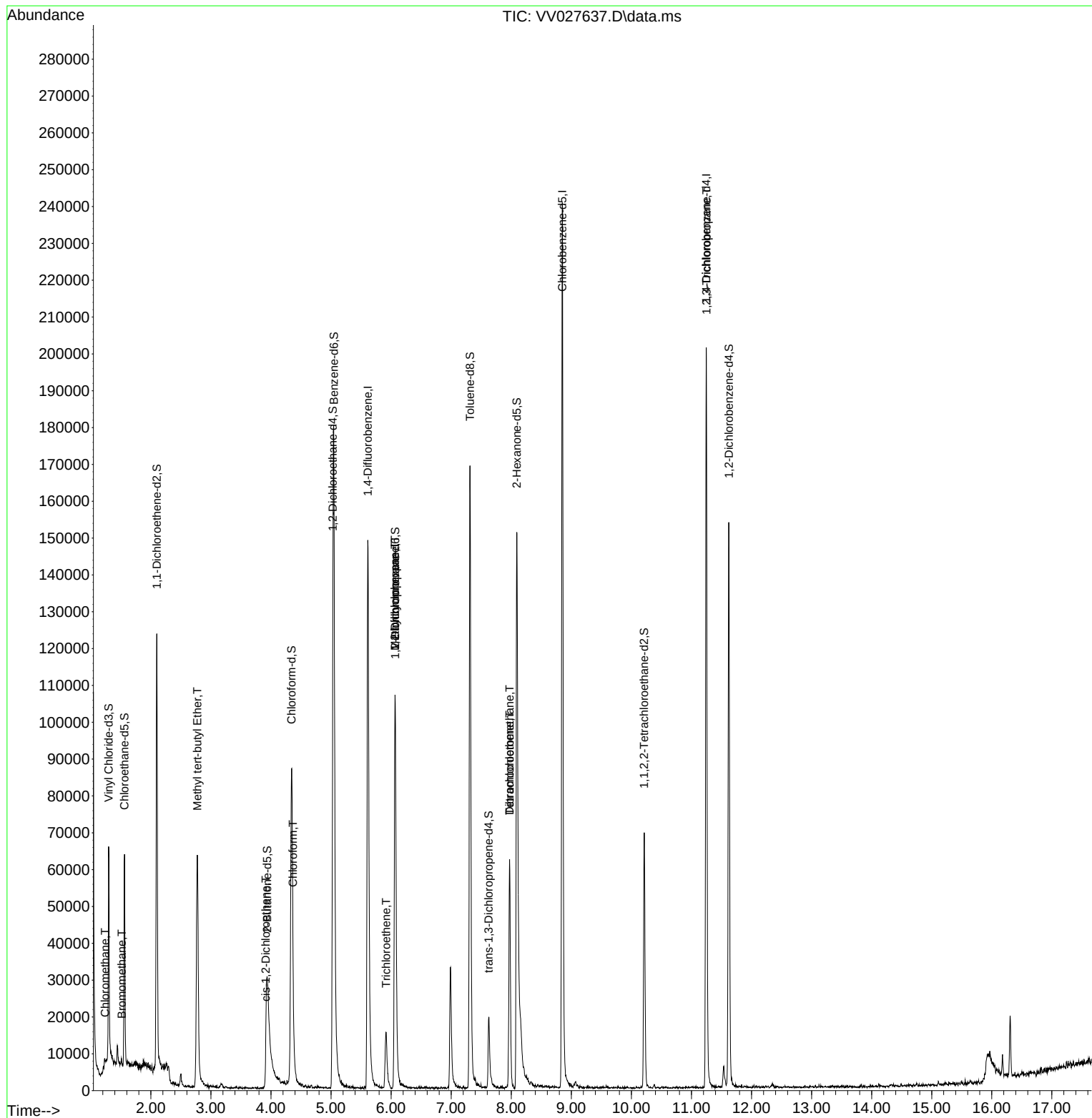
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	131271	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131138	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	52439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	41625	2.919	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.400%
7) Chloroethane-d5	1.561	69	37186	3.117	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.400%#
11) 1,1-Dichloroethene-d2	2.098	63	65405	2.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.800%#
20) 2-Butanone-d5	3.937	46	75688	31.391	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.780%
24) Chloroform-d	4.343	84	91253	3.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.800%#
26) 1,2-Dichloroethane-d4	5.031	65	44010	3.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
32) Benzene-d6	5.047	84	159771	2.974	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	59.400%#
36) 1,2-Dichloropropane-d6	6.069	67	53483	3.219	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	64.400%
41) Toluene-d8	7.313	98	114215	2.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	49.200%#
43) trans-1,3-Dichloroprop...	7.625	79	12249	2.393	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	47.800%#
46) 2-Hexanone-d5	8.092	63	54092	28.102	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	56.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33297	3.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	62.200%#
66) 1,2-Dichlorobenzene-d4	11.622	152	39596	3.373	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	67.400%#
Target Compounds						Qvalue
3) Chloromethane	1.240	50	872	0.051	ug/L	92
6) Bromomethane	1.516	94	510	0.067	ug/L	92
17) Methyl tert-butyl Ether	2.773	73	59610	2.547	ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	1752	0.141	ug/L	68
25) Chloroform	4.365	83	3195	0.125	ug/L	100
34) Trichloroethene	5.918	95	5627	0.448	ug/L	94
35) Methylcyclohexane	6.066	83	13390	0.686	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	6157	0.477	ug/L #	89
47) Tetrachloroethene	7.973	164	13409	1.315	ug/L	94
49) Dibromochloromethane	7.973	129	12657	1.282	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	6564	1.237	ug/L #	69

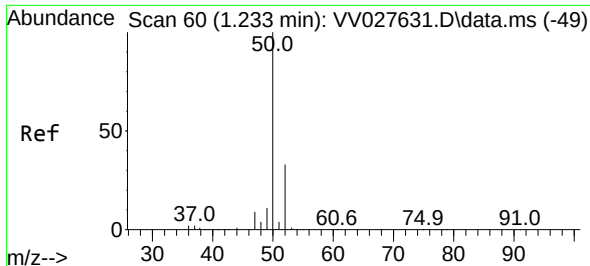
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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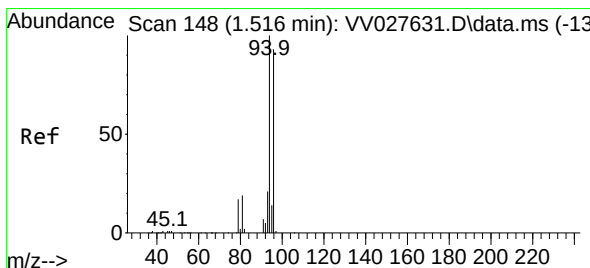
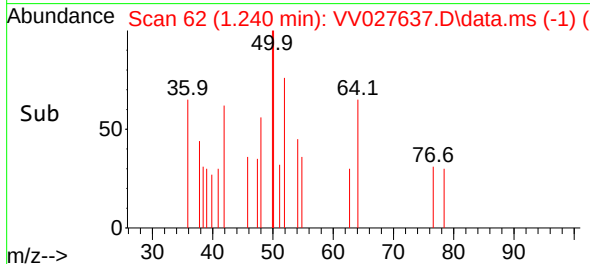
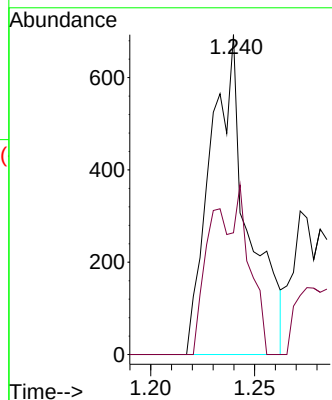
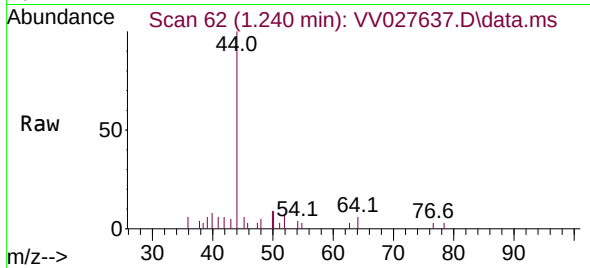




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV027637.D
Acq: 01 Sep 2022 00:18

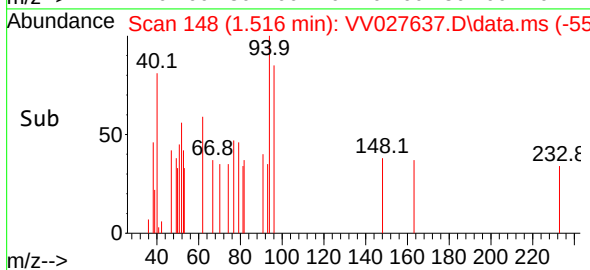
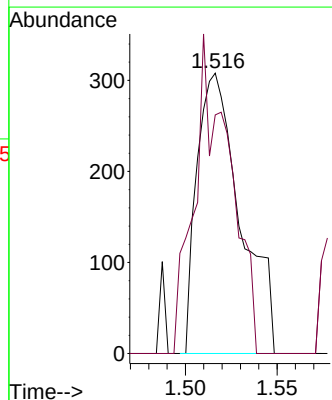
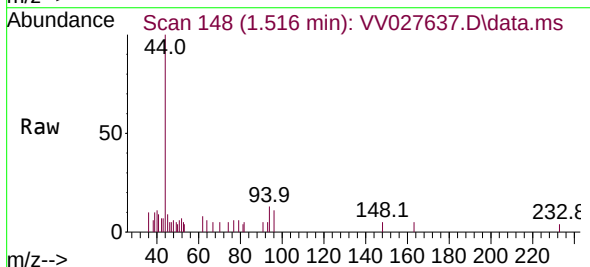
Instrument :
MSVOA_V
ClientSampleId :

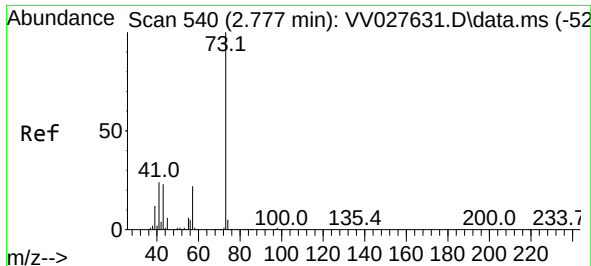
Tgt Ion: 50 Resp: 872
Ion Ratio Lower Upper
50 100
52 38.1 23.5 43.7



#6
Bromomethane
Concen: 0.067 ug/L
RT: 1.516 min Scan# 148
Delta R.T. 0.000 min
Lab File: VV027637.D
Acq: 01 Sep 2022 00:18

Tgt Ion: 94 Resp: 510
Ion Ratio Lower Upper
94 100
96 85.1 65.1 120.9





#17

Methyl tert-butyl Ether

Concen: 2.547 ug/L

RT: 2.773 min Scan# 51

Delta R.T. -0.003 min

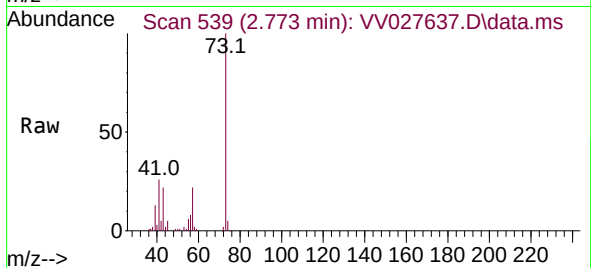
Lab File: VV027637.D

Acq: 01 Sep 2022 00:18

Instrument :

MSVOA_V

ClientSampleId :



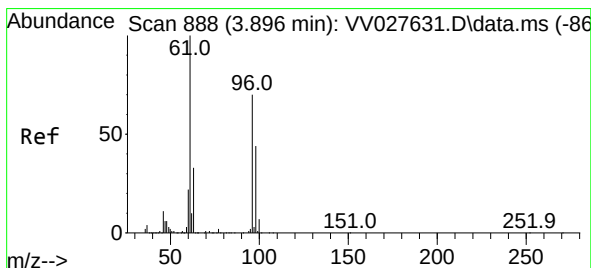
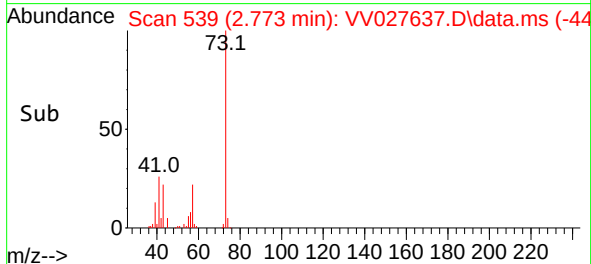
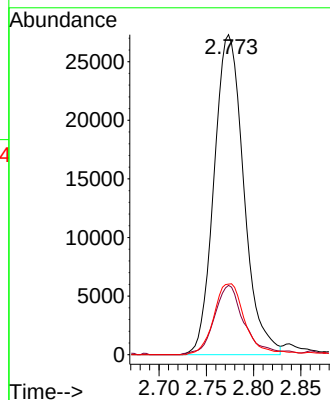
Tgt Ion: 73 Resp: 59610

Ion Ratio Lower Upper

73 100

43 21.7 16.5 24.7

57 22.8 18.2 27.2



#22

cis-1,2-Dichloroethene

Concen: 0.141 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.016 min

Lab File: VV027637.D

Acq: 01 Sep 2022 00:18

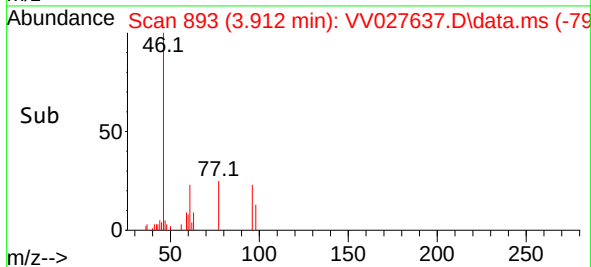
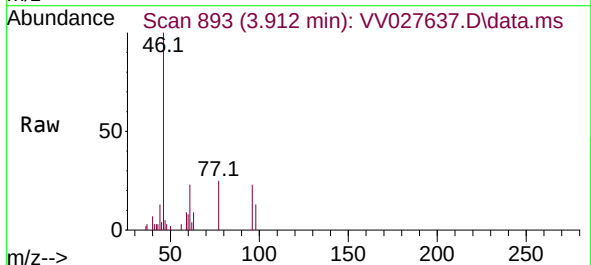
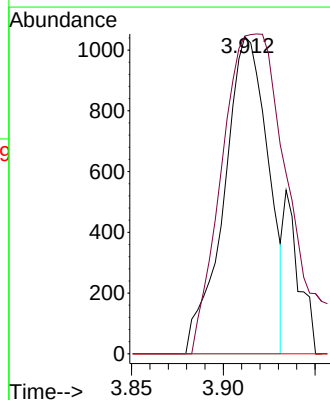
Tgt Ion: 96 Resp: 1752

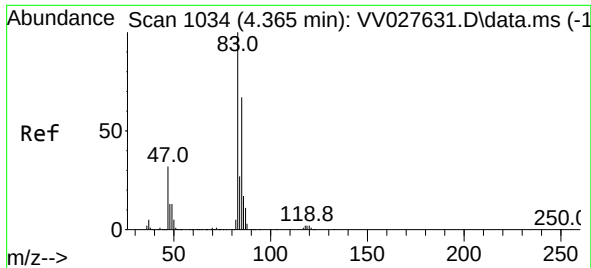
Ion Ratio Lower Upper

96 100

61 100.2 96.9 180.1

68 0.0 0.0 0.0

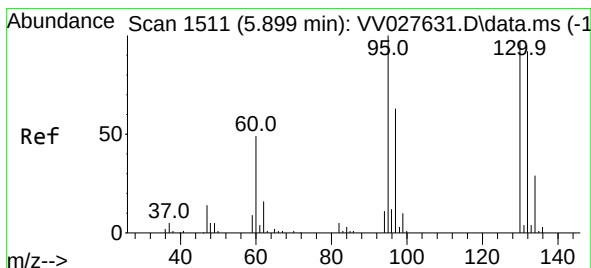
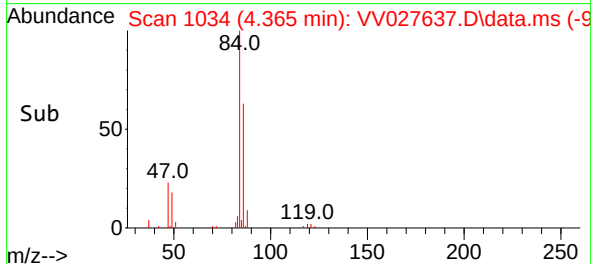
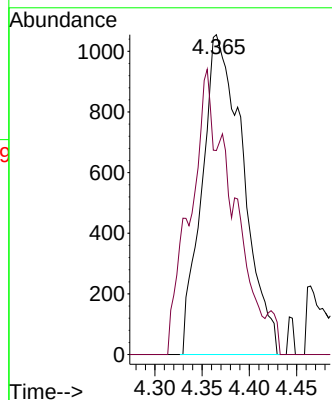
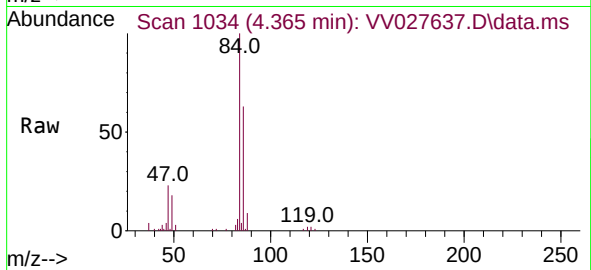




#25
Chloroform
Concen: 0.125 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VV027637.D
Acq: 01 Sep 2022 00:18

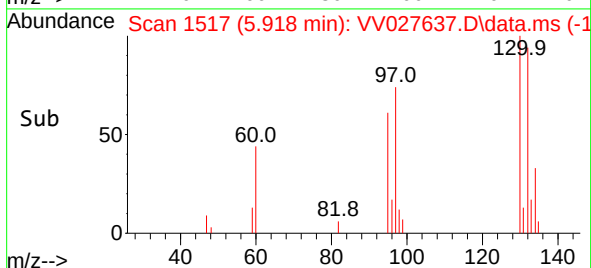
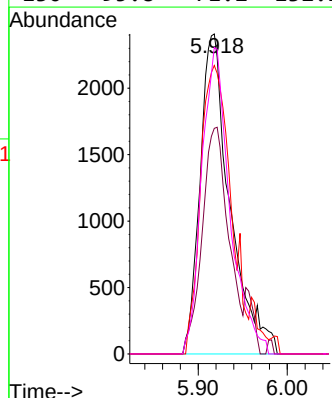
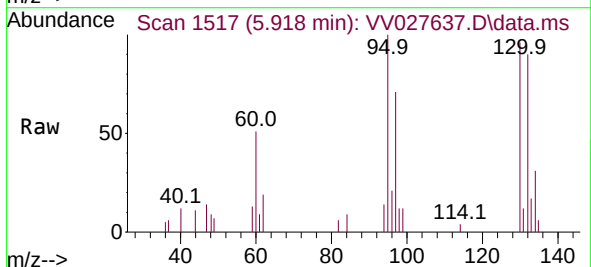
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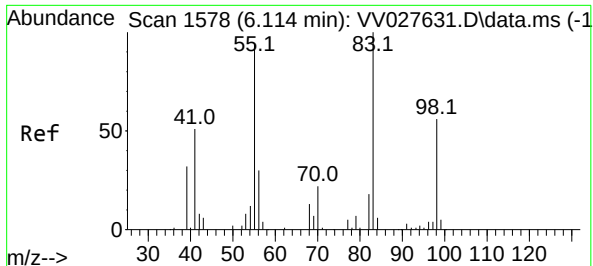
Tgt Ion: 83 Resp: 3195
Ion Ratio Lower Upper
83 100
85 63.8 44.7 83.1



#34
Trichloroethene
Concen: 0.448 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.019 min
Lab File: VV027637.D
Acq: 01 Sep 2022 00:18

Tgt Ion: 95 Resp: 5627
Ion Ratio Lower Upper
95 100
97 70.5 46.1 85.5
132 90.2 67.3 125.1
130 95.8 71.2 132.2





#35

Methylcyclohexane

Concen: 0.686 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.048 min

Lab File: VV027637.D

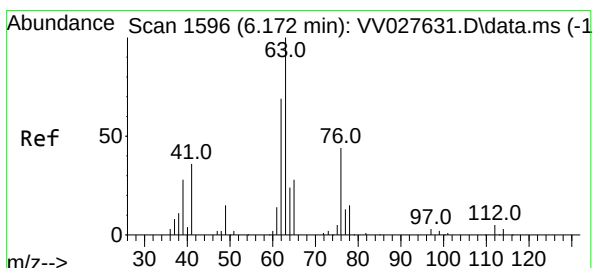
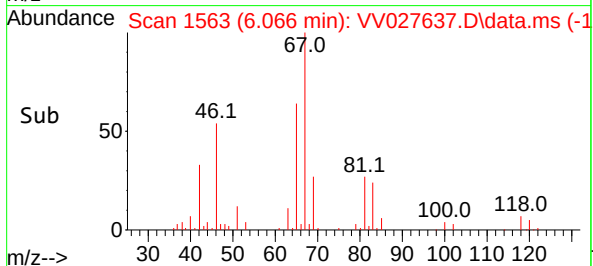
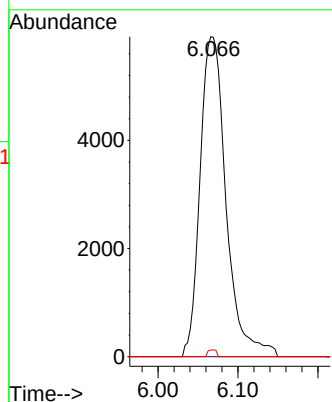
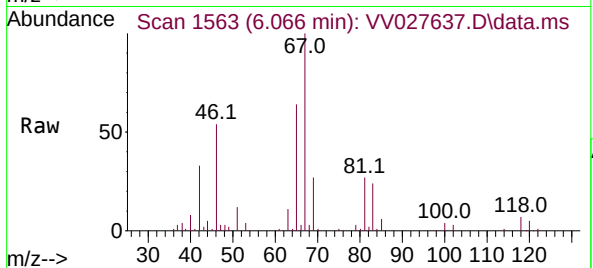
Acq: 01 Sep 2022 00:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	13390
Ion Ratio	Lower	Upper	
83	100		
55	0.0	66.0	99.0#
98	0.7	36.9	55.3#



#37

1,2-Dichloropropane

Concen: 0.477 ug/L

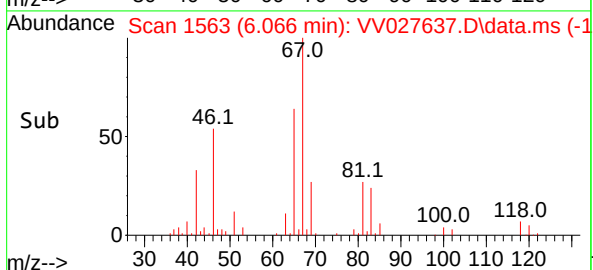
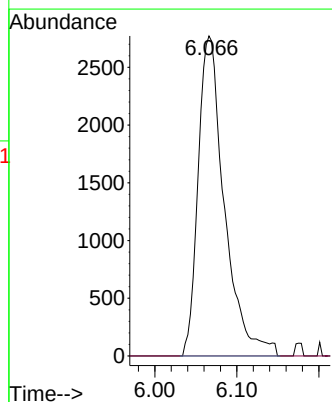
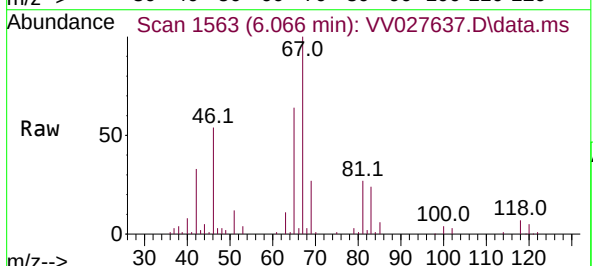
RT: 6.066 min Scan# 1563

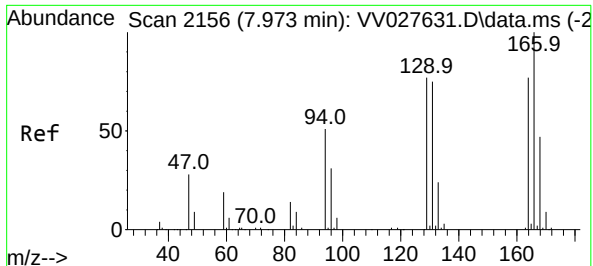
Delta R.T. -0.106 min

Lab File: VV027637.D

Acq: 01 Sep 2022 00:18

Tgt Ion:	63	Resp:	6157
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.9	4.3#





#47

Tetrachloroethene

Concen: 1.315 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

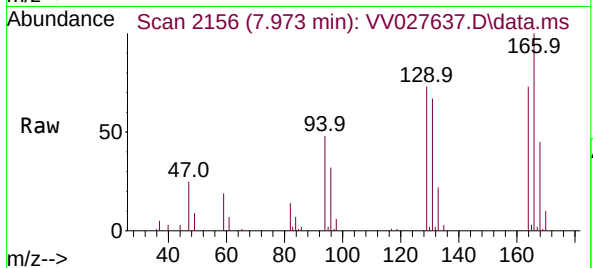
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Acq: 01 Sep 2022 00:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 13409

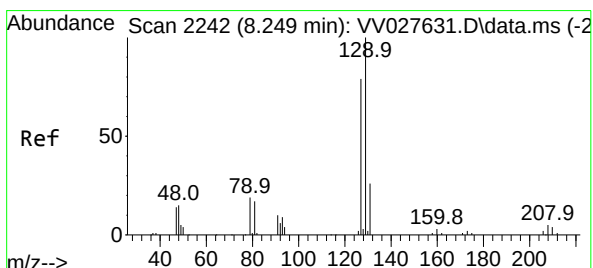
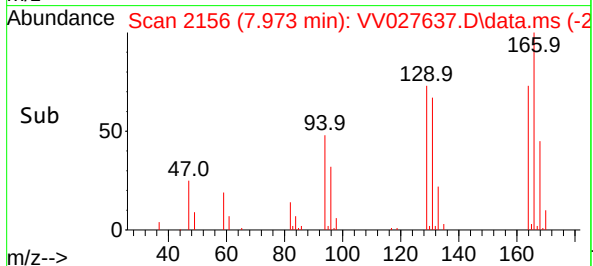
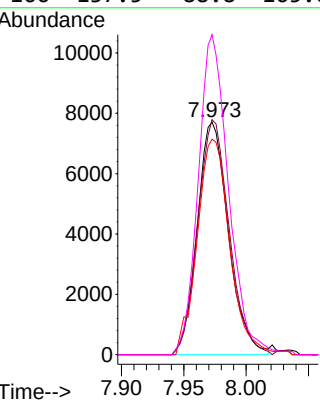
Ion Ratio Lower Upper

164 100

129 101.0 65.9 122.3

131 92.6 64.5 119.7

166 137.5 88.8 165.0



#49

Dibromochloromethane

Concen: 1.282 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.277 min

Lab File: VV027637.D

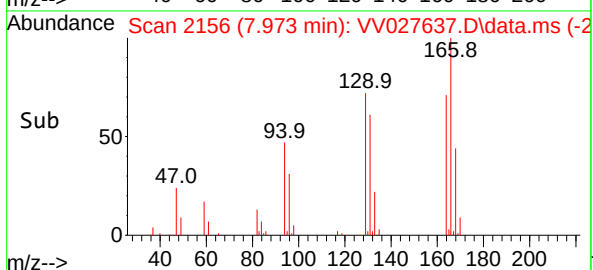
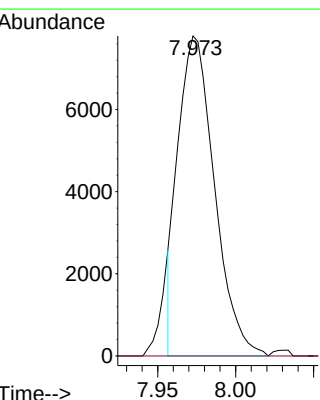
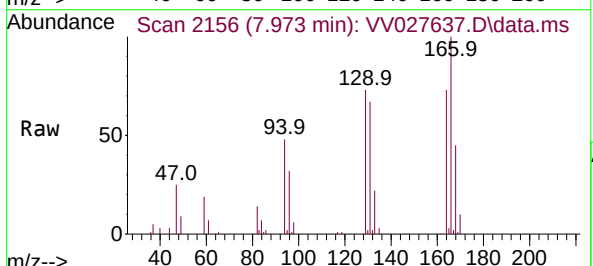
Acq: 01 Sep 2022 00:18

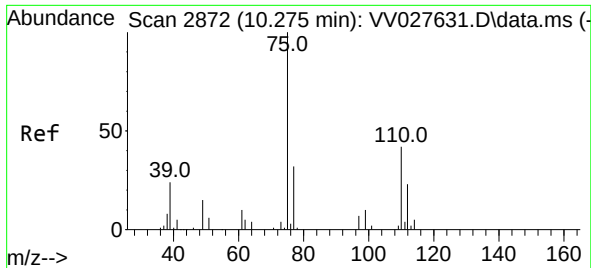
Tgt Ion:129 Resp: 12657

Ion Ratio Lower Upper

129 100

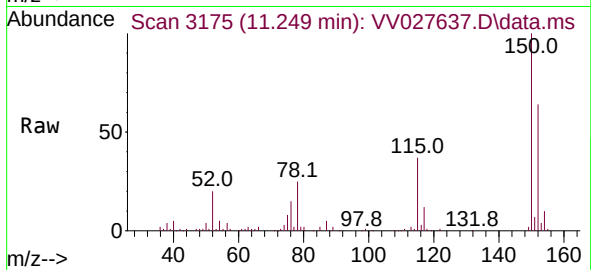
127 0.0 52.4 97.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.237 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV027637.D
 Acq: 01 Sep 2022 00:18

Instrument :
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Tgt Ion:	75	Resp:	6564
Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.8	38.6
110	3.9	29.8	44.8#

