

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027608.D
 Acq On : 31 Aug 2022 00:40
 Operator : SY/MD
 Sample : N4366-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E71

Quant Time: Aug 31 07:13:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

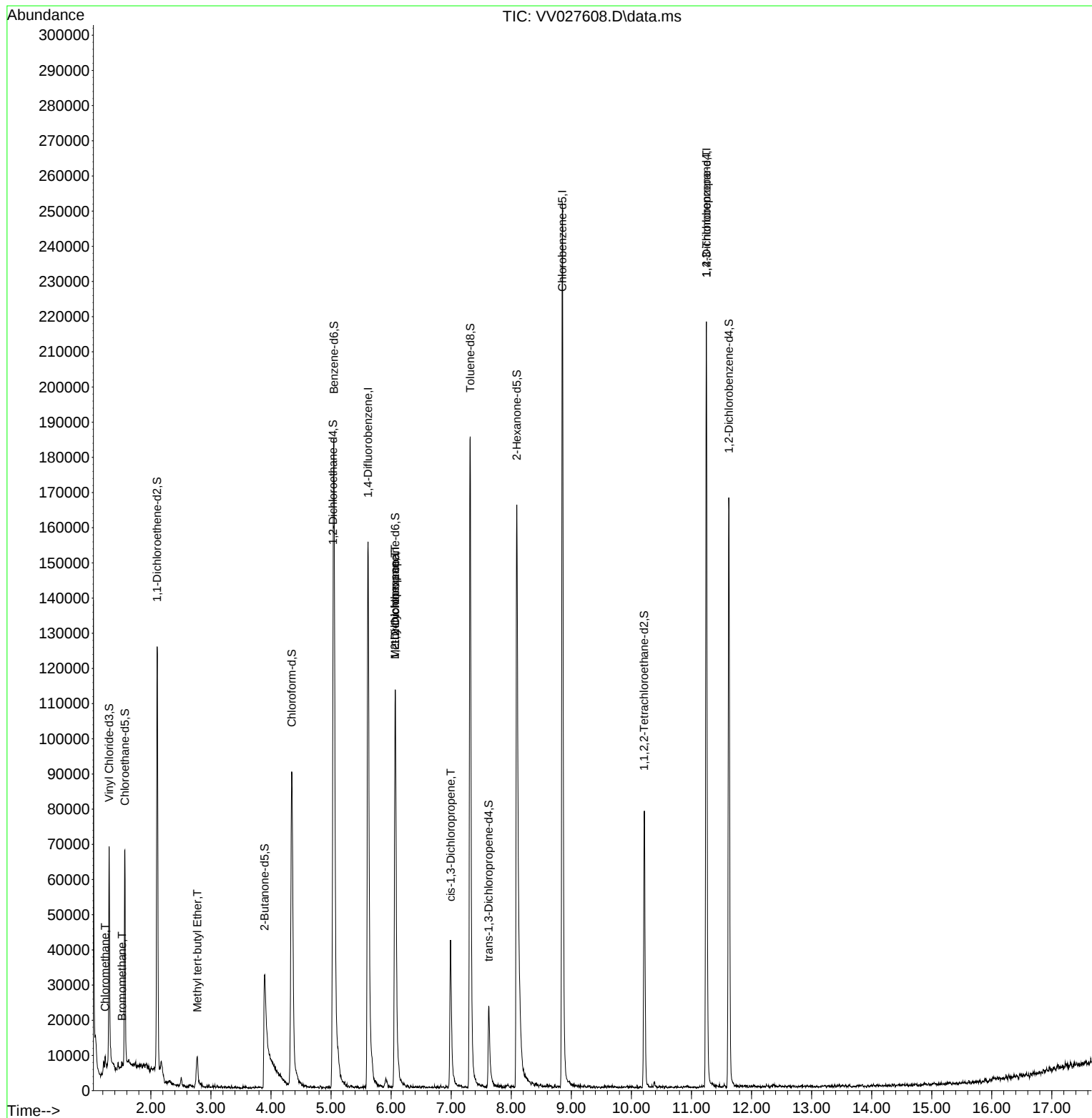
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	138102	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	136518	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56539	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	46773	4.759	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.200%
7) Chloroethane-d5	1.568	69	39081	5.433	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.600%
11) 1,1-Dichloroethene-d2	2.104	63	65639	2.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.200%#
20) 2-Butanone-d5	3.892	46	68755	56.210	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.420%
24) Chloroform-d	4.346	84	98172	4.995	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.034	65	47179	5.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
32) Benzene-d6	5.047	84	170963	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.069	67	57497	5.230	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.317	98	127086	3.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.625	79	14643	3.890	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.091	63	64558	52.101	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37701	5.385	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	43088	5.141	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2012	0.157	ug/L	87
6) Bromomethane	1.519	94	745	0.117	ug/L	83
17) Methyl tert-butyl Ether	2.773	73	7706	0.356	ug/L #	93
35) Methylcyclohexane	6.066	83	14730	0.877	ug/L #	15
37) 1,2-Dichloropropane	6.066	63	6572	0.543	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1341	0.092	ug/L	88
61) 1,2,3-Trichloropropane	11.249	75	6941	1.399	ug/L #	66

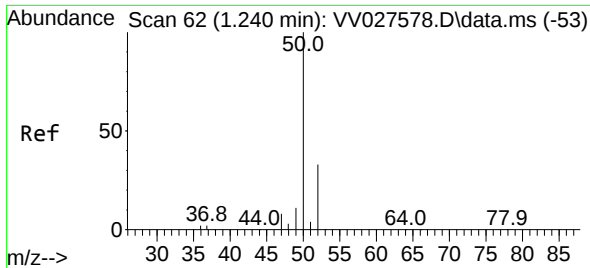
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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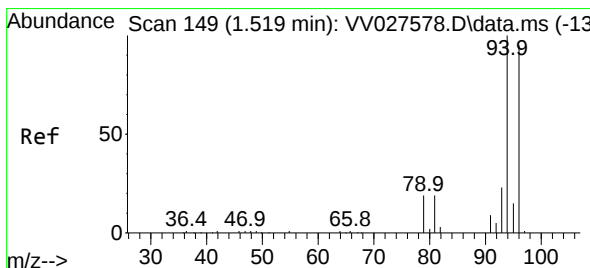
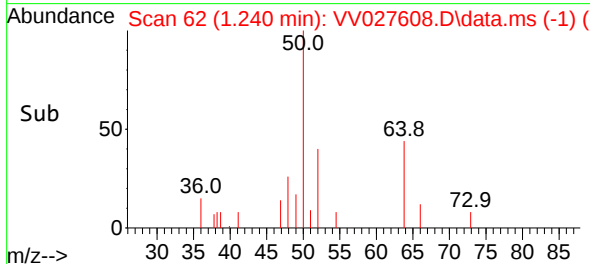
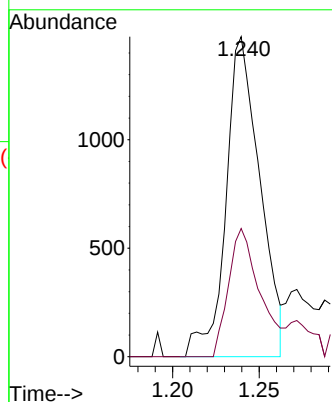
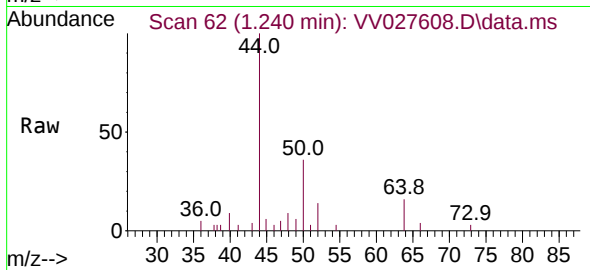




#3
Chloromethane
Concen: 0.157 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027608.D
Acq: 31 Aug 2022 00:40

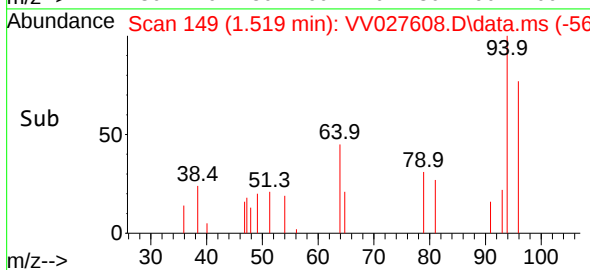
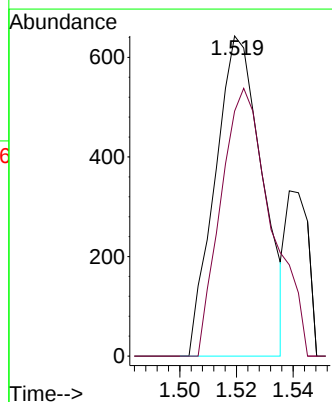
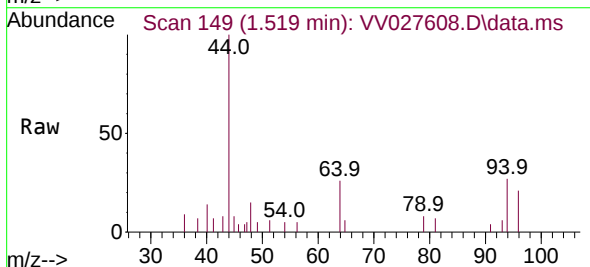
Instrument :
MSVOA_V
ClientSampleId :
F5E71

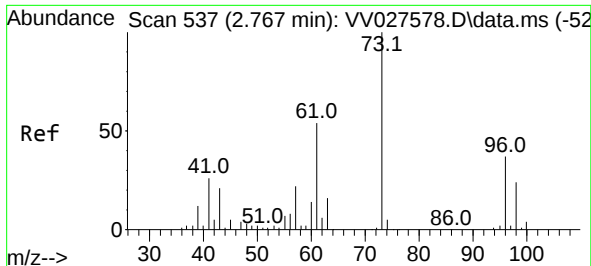
Tgt Ion: 50 Resp: 2012
Ion Ratio Lower Upper
50 100
52 40.1 22.8 42.4



#6
Bromomethane
Concen: 0.117 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.000 min
Lab File: VV027608.D
Acq: 31 Aug 2022 00:40

Tgt Ion: 94 Resp: 745
Ion Ratio Lower Upper
94 100
96 76.5 65.2 121.0

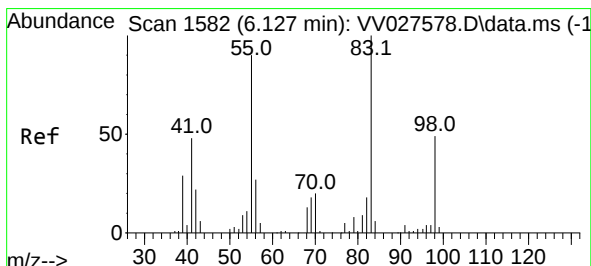
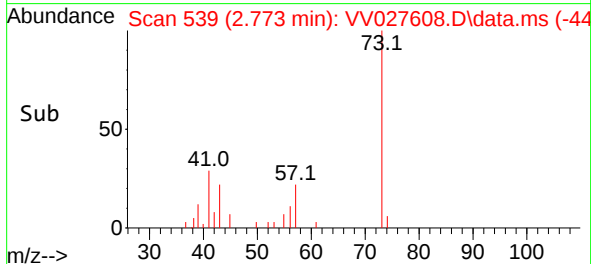
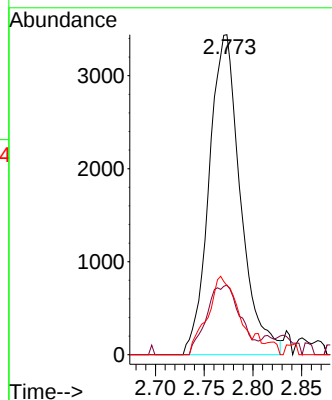
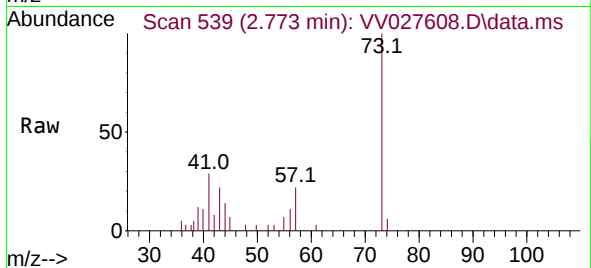




#17
Methyl tert-butyl Ether
Concen: 0.356 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027608.D
Acq: 31 Aug 2022 00:40

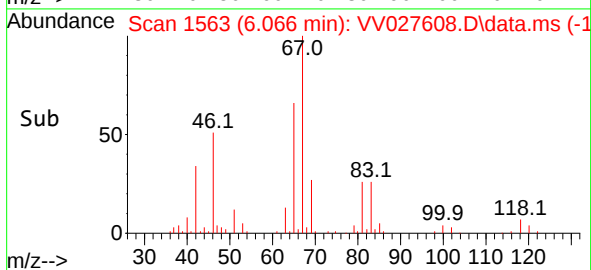
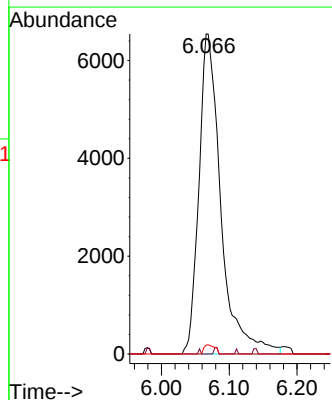
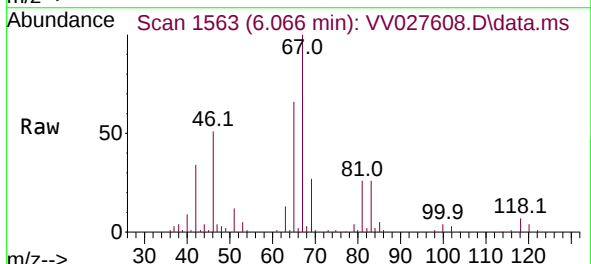
Instrument :
MSVOA_V
ClientSampleId :
F5E71

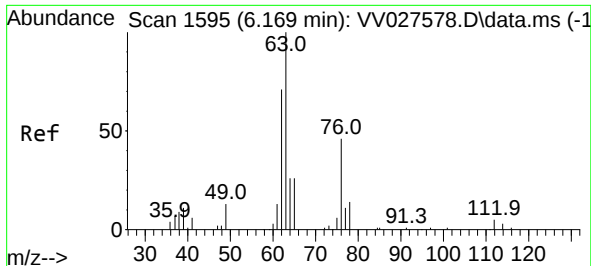
Tgt Ion: 73 Resp: 7706
Ion Ratio Lower Upper
73 100
43 23.6 15.6 23.4#
57 23.4 17.0 25.6



#35
Methylcyclohexane
Concen: 0.877 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV027608.D
Acq: 31 Aug 2022 00:40

Tgt Ion: 83 Resp: 14730
Ion Ratio Lower Upper
83 100
55 0.1 68.2 102.4#
98 1.4 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.543 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027608.D

Acq: 31 Aug 2022 00:40

Instrument :

MSVOA_V

ClientSampleId :

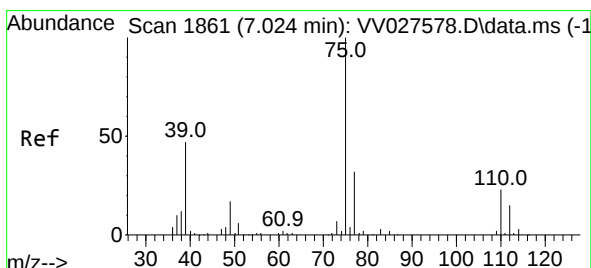
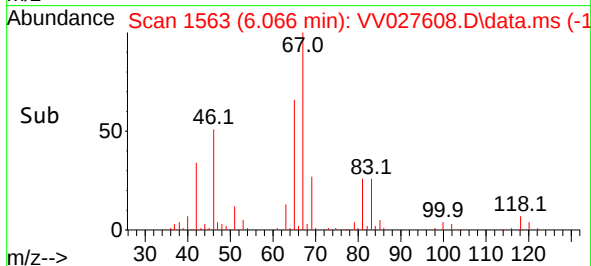
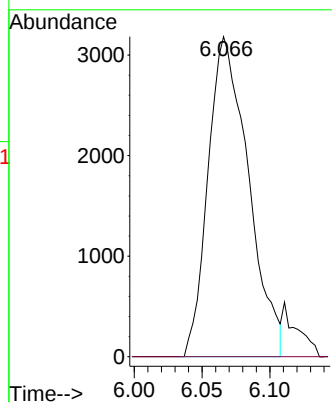
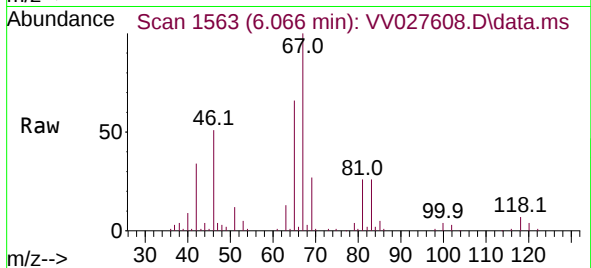
F5E71

Tgt Ion: 63 Resp: 6572

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV027608.D

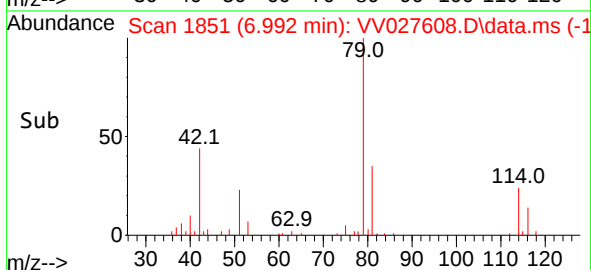
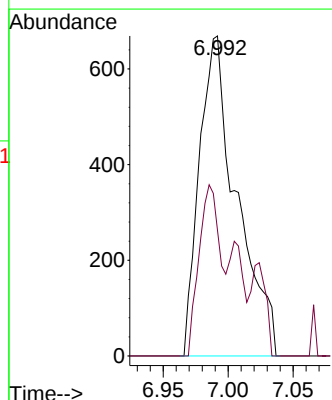
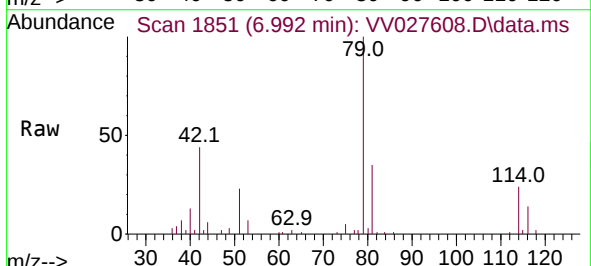
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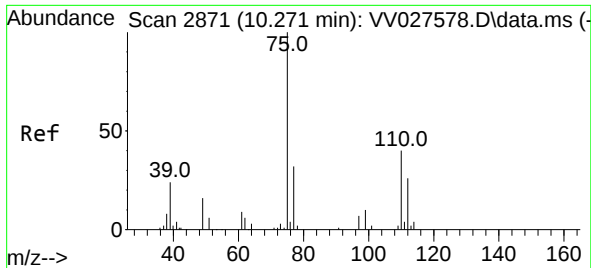
Tgt Ion: 75 Resp: 1341

Ion Ratio Lower Upper

75 100

77 39.3 22.9 42.5





#61
 1,2,3-Trichloropropane
 Concen: 1.399 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV027608.D
 Acq: 31 Aug 2022 00:40

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E71

Tgt Ion: 75 Resp: 6941
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.2 39.2
 110 0.0 29.9 44.9#

