

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032123\
 Data File : VV030273.D
 Acq On : 21 Mar 2023 13:22
 Operator : SY/MD
 Sample : VV0321WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK316

Quant Time: Mar 22 06:05:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 22 06:04:48 2023
 Response via : Initial Calibration

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

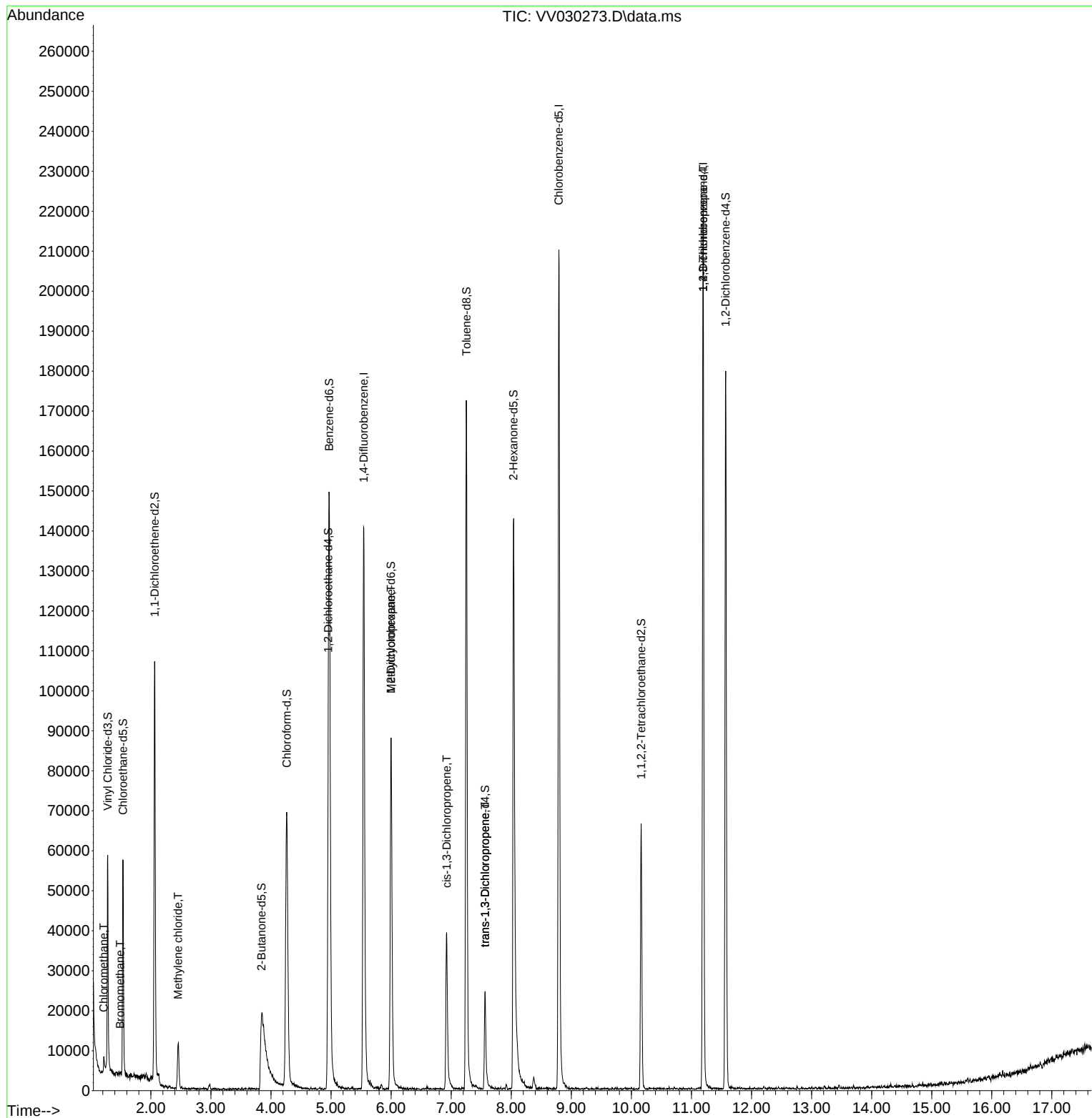
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	123764	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	118475	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59124	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	33606	4.196	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.000%	
7) Chloroethane-d5	1.535	69	32090	4.269	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.400%	
11) 1,1-Dichloroethene-d2	2.063	63	56769	3.448	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.000%	
20) 2-Butanone-d5	3.844	46	51486	34.871	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	69.740%	
24) Chloroform-d	4.262	84	74375	4.547	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.000%	
26) 1,2-Dichloroethane-d4	4.953	65	39916	5.977	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	119.600%	
32) Benzene-d6	4.969	84	131413	4.122	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	5.998	67	38640	4.029	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.600%	
41) Toluene-d8	7.252	98	116799	3.865	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.400%	
43) trans-1,3-Dichloroprop...	7.564	79	14291	4.355	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.200%	
46) 2-Hexanone-d5	8.037	63	58757	43.284	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.560%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	29313	4.296	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.000%	
66) 1,2-Dichlorobenzene-d4	11.570	152	47413	4.740	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.800%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2089	0.132	ug/L	99
6) Bromomethane	1.487	94	235	0.124	ug/L	79
16) Methylene chloride	2.455	84	4918	0.485	ug/L	93
35) Methylcyclohexane	5.998	83	10414	0.759	ug/L #	21
39) cis-1,3-Dichloropropene	6.924	75	1095	0.091	ug/L #	48
44) trans-1,3-Dichloropropene	7.564	75	739	0.079	ug/L #	30
61) 1,2,3-Trichloropropane	11.194	75	6041	1.527	ug/L #	66

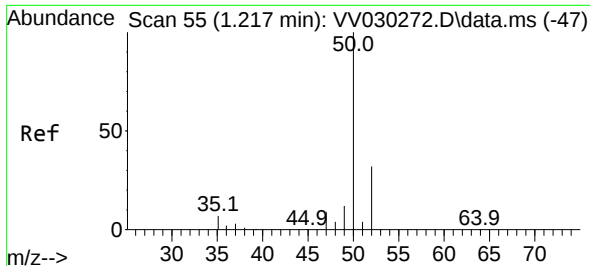
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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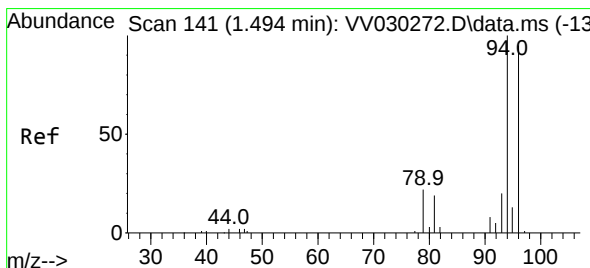
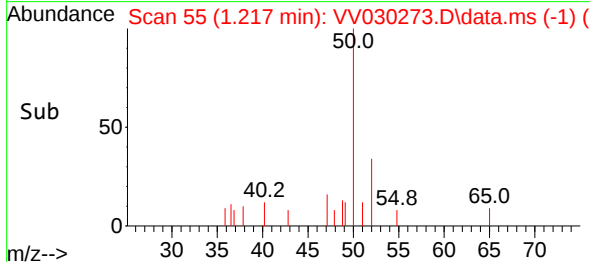
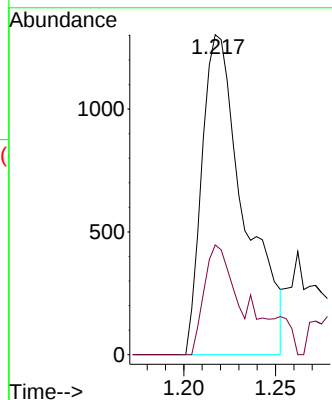
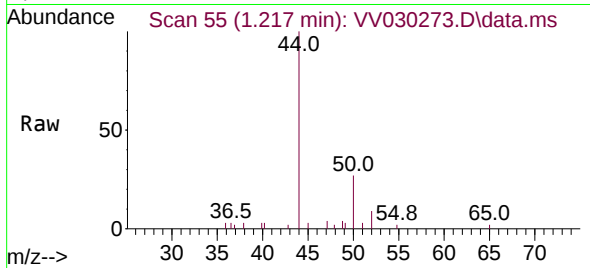




#3
Chloromethane
Concen: 0.132 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030273.D
Acq: 21 Mar 2023 13:22

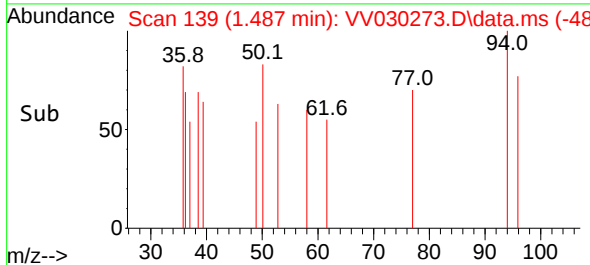
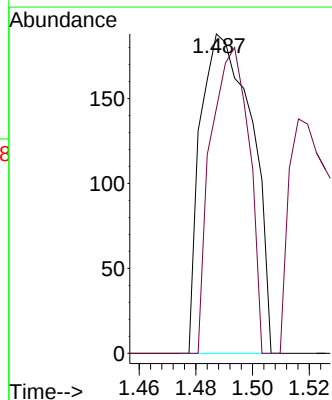
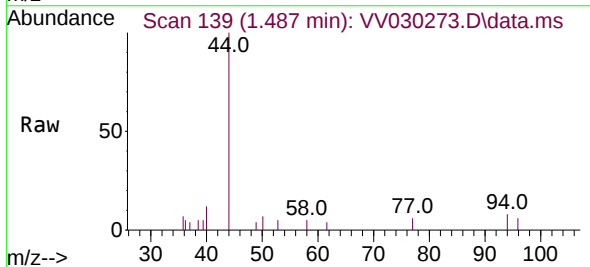
Instrument :
MSVOA_V
ClientSampleId :
VBLK316

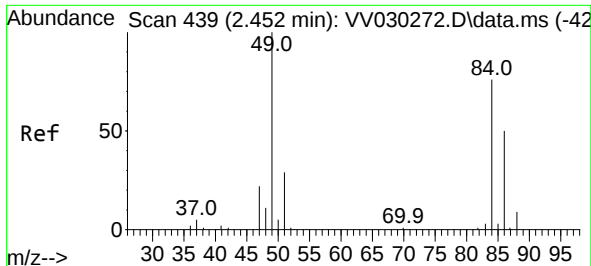
Tgt Ion: 50 Resp: 2089
Ion Ratio Lower Upper
50 100
52 34.3 23.6 43.8



#6
Bromomethane
Concen: 0.124 ug/L
RT: 1.487 min Scan# 139
Delta R.T. -0.007 min
Lab File: VV030273.D
Acq: 21 Mar 2023 13:22

Tgt Ion: 94 Resp: 235
Ion Ratio Lower Upper
94 100
96 76.6 68.4 127.0

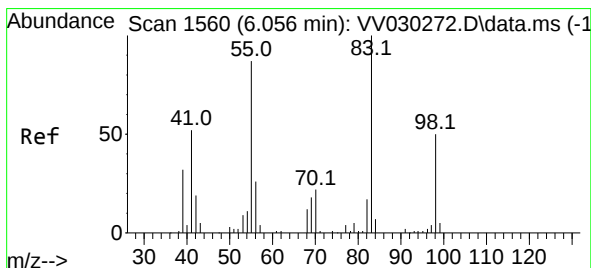
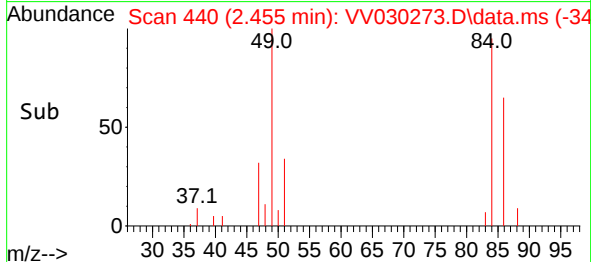
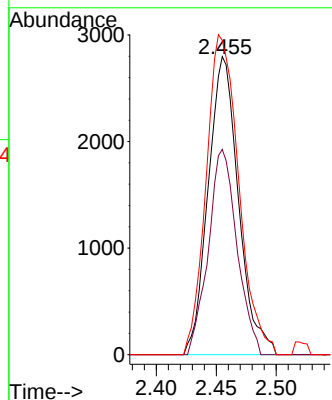
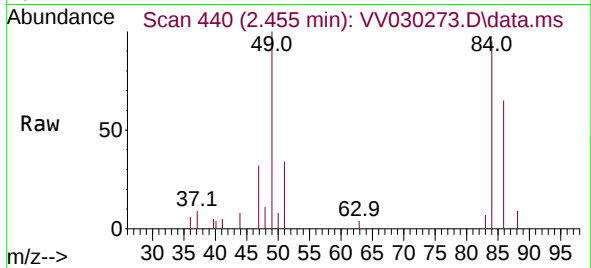




#16
Methylene chloride
Concen: 0.485 ug/L
RT: 2.455 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV030273.D
Acq: 21 Mar 2023 13:22

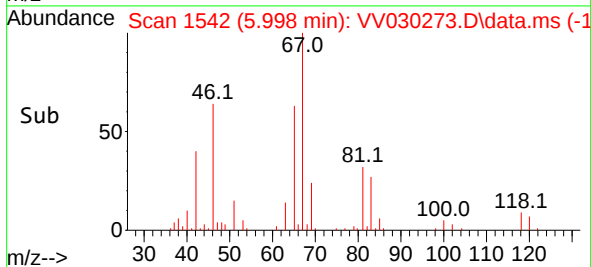
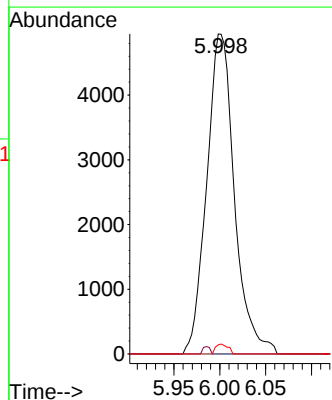
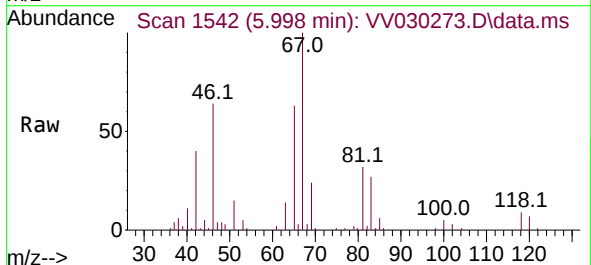
Instrument :
MSVOA_V
ClientSampleId :
VBLK316

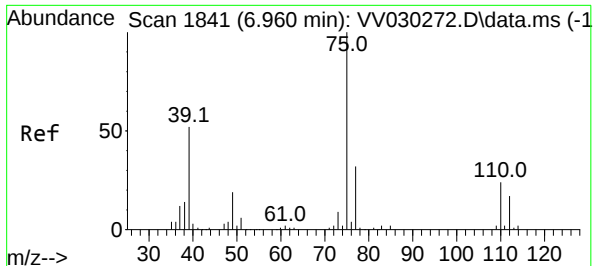
Tgt Ion: 84 Resp: 4918
Ion Ratio Lower Upper
84 100
86 68.9 44.7 83.1
49 105.4 78.8 146.3



#35
Methylcyclohexane
Concen: 0.759 ug/L
RT: 5.998 min Scan# 1542
Delta R.T. -0.058 min
Lab File: VV030273.D
Acq: 21 Mar 2023 13:22

Tgt Ion: 83 Resp: 10414
Ion Ratio Lower Upper
83 100
55 0.6 57.6 86.4#
98 1.4 38.8 58.2#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 6.924 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV030273.D

Acq: 21 Mar 2023 13:22

Instrument :

MSVOA_V

ClientSampleId :

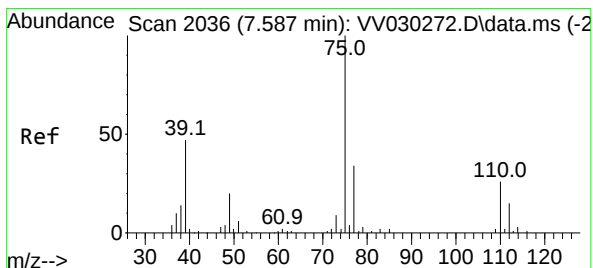
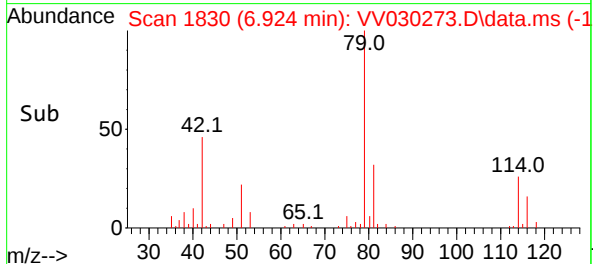
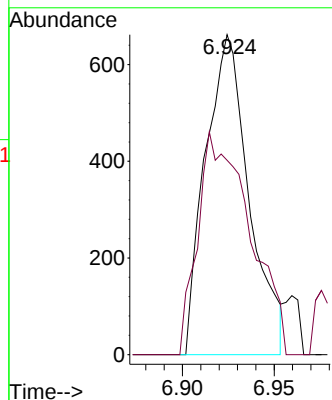
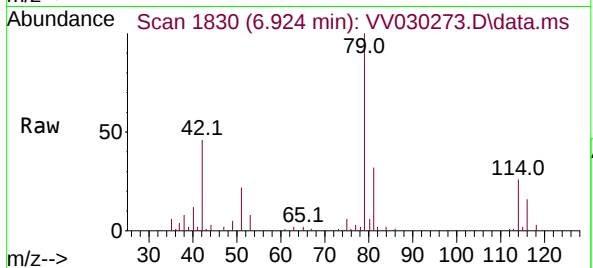
VBLK316

Tgt Ion: 75 Resp: 1095

Ion Ratio Lower Upper

75 100

77 60.7 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.023 min

Lab File: VV030273.D

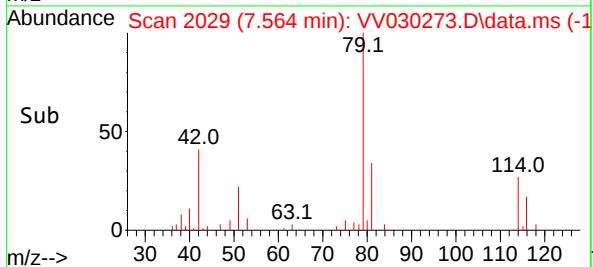
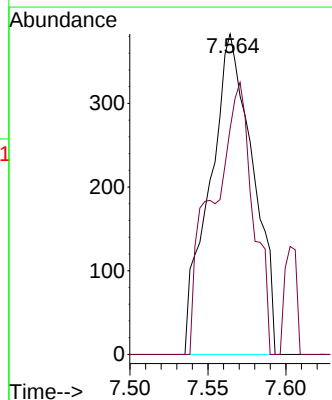
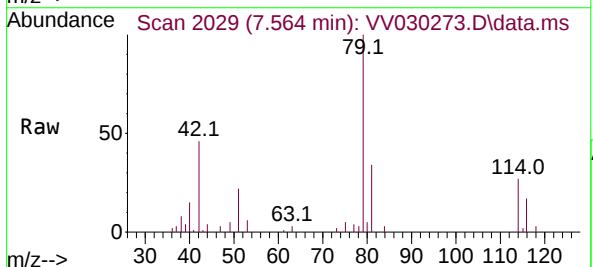
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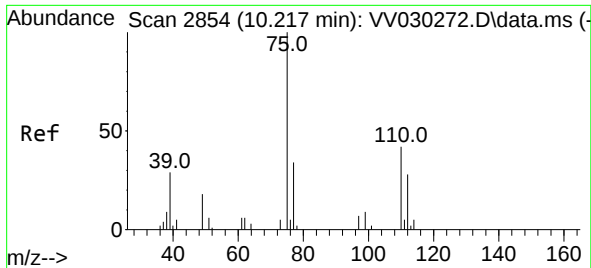
Tgt Ion: 75 Resp: 739

Ion Ratio Lower Upper

75 100

77 70.5 22.1 41.1#





#61

1,2,3-Trichloropropane

Concen: 1.527 ug/L

RT: 11.194 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV030273.D

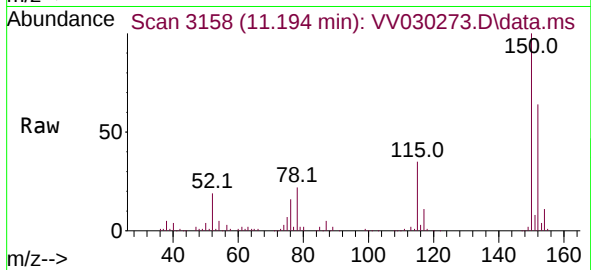
Acq: 21 Mar 2023 13:22

Instrument :

MSVOA_V

ClientSampleId :

VBLK316



Tgt Ion: 75 Resp: 6041

Ion Ratio Lower Upper

75 100

77 36.4 26.5 39.7

110 4.1 31.8 47.6#

