

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100623\
 Data File : VV032304.D
 Acq On : 06 Oct 2023 16:18
 Operator : SY/MD
 Sample : 04748-10DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 05:07:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

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

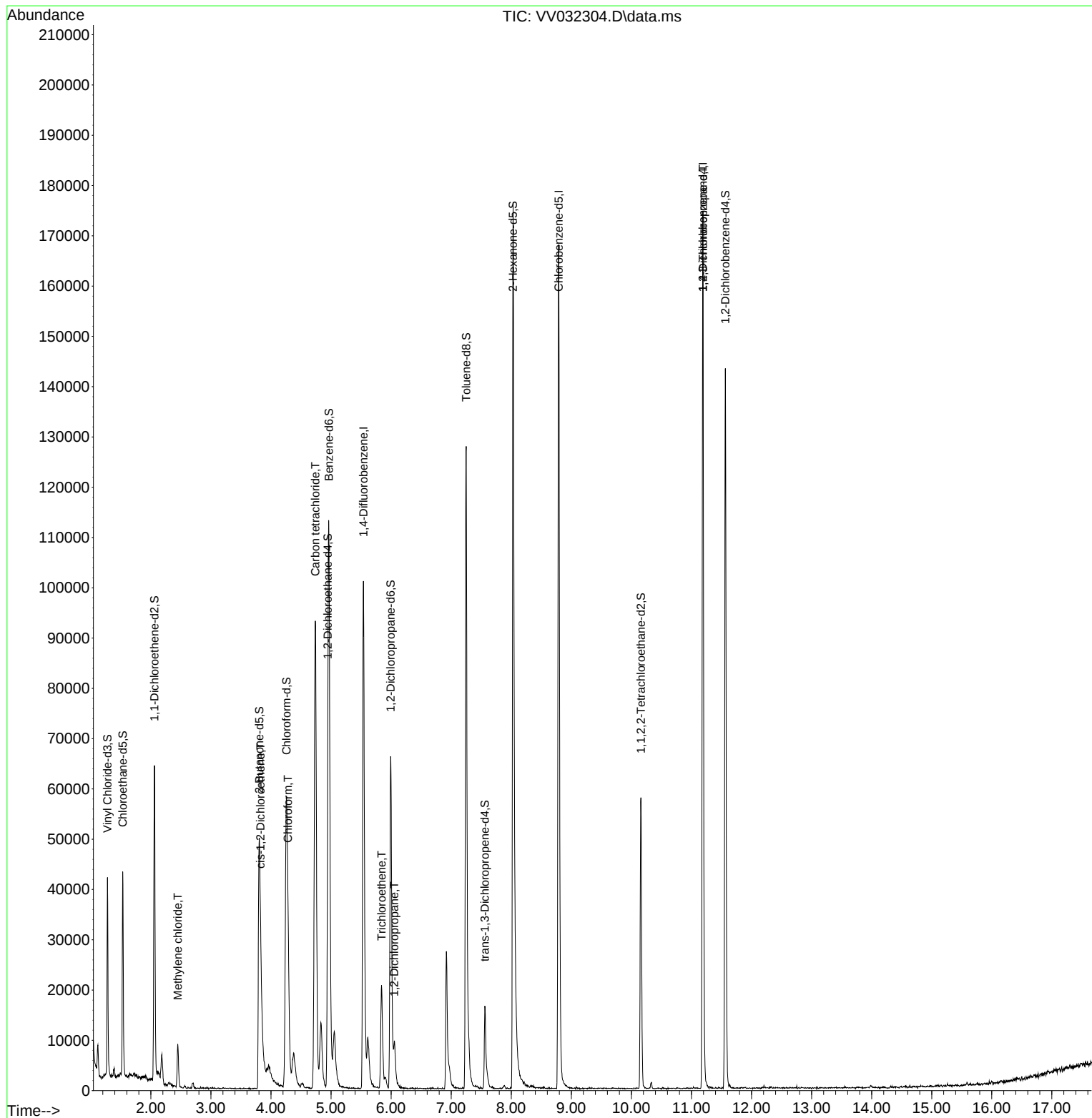
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	87841	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	98491	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	44932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25487	3.568	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.532	69	25121	4.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.059	65	10718	3.557	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.805	46	80670	44.638	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.280%
24) Chloroform-d	4.256	84	55662	4.417	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	4.947	65	26973	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
32) Benzene-d6	4.963	84	103364	3.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.400%
36) 1,2-Dichloropropane-d6	5.992	67	34487	3.592	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.800%
41) Toluene-d8	7.249	98	93761	3.538	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	7.561	79	11823	3.475	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.400%
46) 2-Hexanone-d5	8.030	63	66514	41.548	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.100%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	29793	4.436	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	36097	4.329	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.449	84	3289	0.392	ug/L	98
22) cis-1,2-Dichloroethene	3.825	96	925	0.116	ug/L	92
25) Chloroform	4.281	83	27710	2.035	ug/L	97
31) Carbon tetrachloride	4.738	117	71773	6.334	ug/L	99
34) Trichloroethene	5.841	95	6943	0.733	ug/L	95
37) 1,2-Dichloropropane	6.053	63	553	0.060	ug/L #	87
61) 1,2,3-Trichloropropane	11.191	75	5625	1.176	ug/L #	67

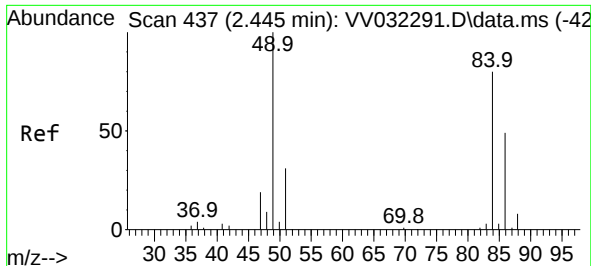
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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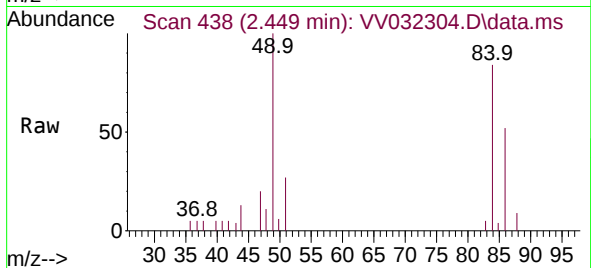
Quant Time: Oct 07 05:07:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
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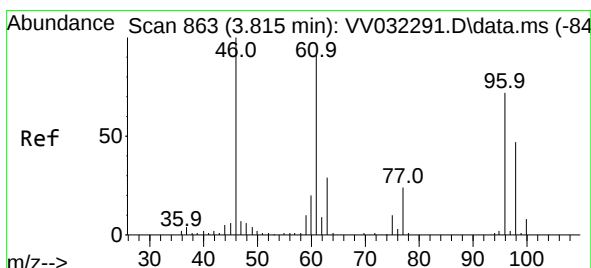
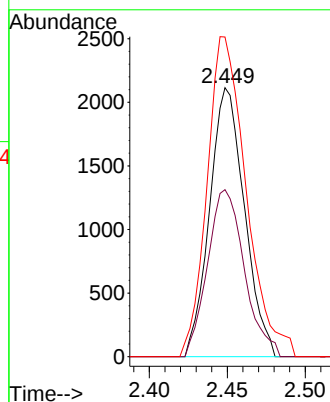
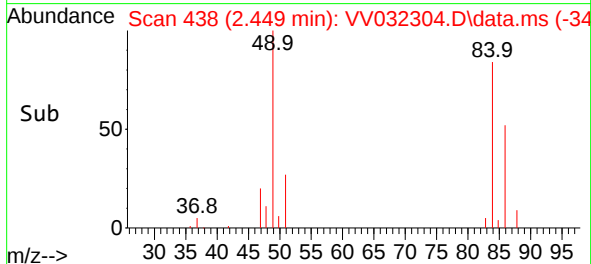
#16
Methylene chloride
Concen: 0.392 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032304.D
Acq: 06 Oct 2023 16:18

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 3289

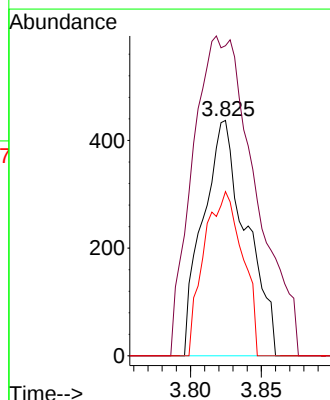
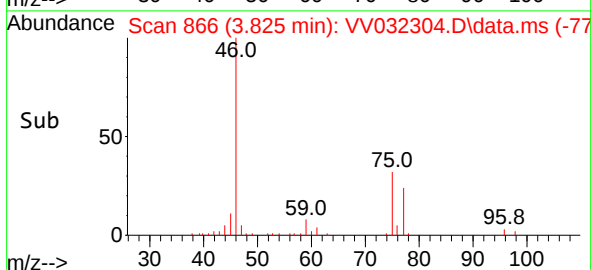
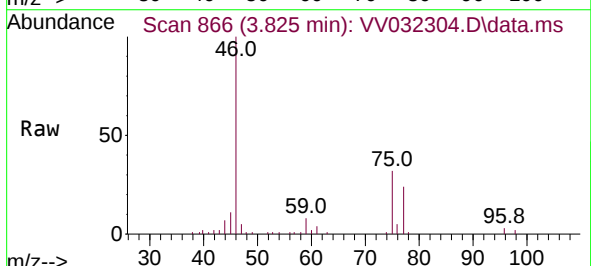
Ion	Ratio	Lower	Upper
84	100		
86	62.1	43.2	80.2
49	126.4	86.3	160.3

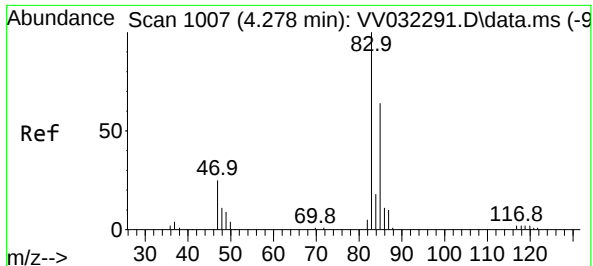


#22
cis-1,2-Dichloroethene
Concen: 0.116 ug/L
RT: 3.825 min Scan# 866
Delta R.T. 0.009 min
Lab File: VV032304.D
Acq: 06 Oct 2023 16:18

Tgt Ion: 96 Resp: 925

Ion	Ratio	Lower	Upper
96	100		
61	131.8	85.8	159.4
98	69.8	44.0	81.6





#25

Chloroform

Concen: 2.035 ug/L

RT: 4.281 min Scan# 110

Delta R.T. 0.003 min

Lab File: VV032304.D

Acq: 06 Oct 2023 16:18

Instrument :

MSVOA_V

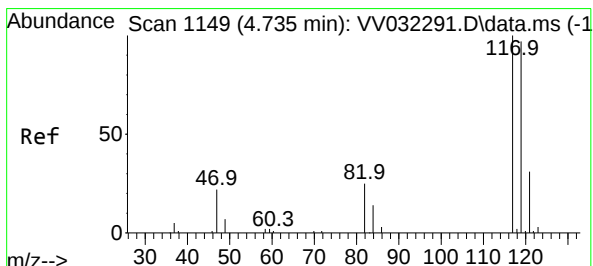
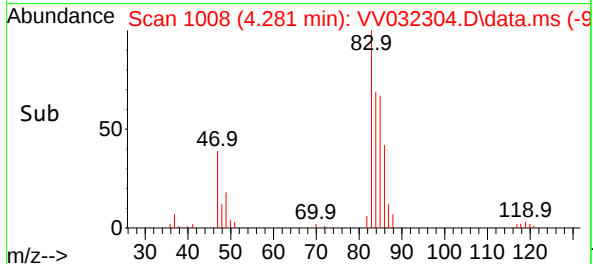
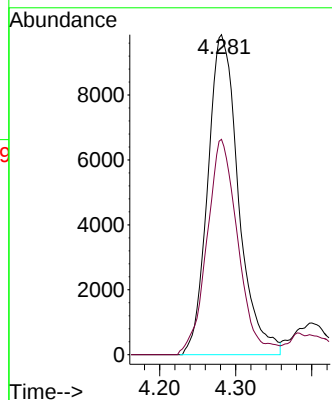
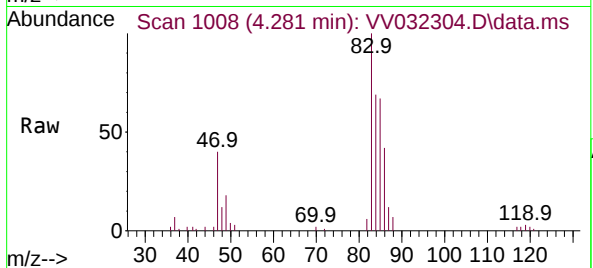
ClientSampleId :

Tgt Ion: 83 Resp: 27710

Ion Ratio Lower Upper

83 100

85 67.3 45.4 84.4



#31

Carbon tetrachloride

Concen: 6.334 ug/L

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV032304.D

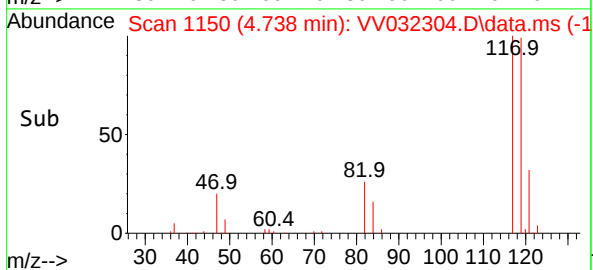
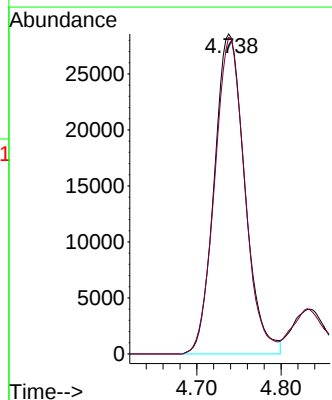
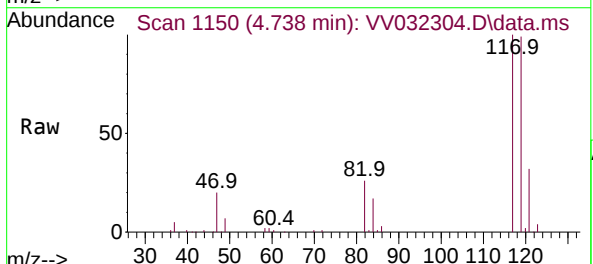
Acq: 06 Oct 2023 16:18

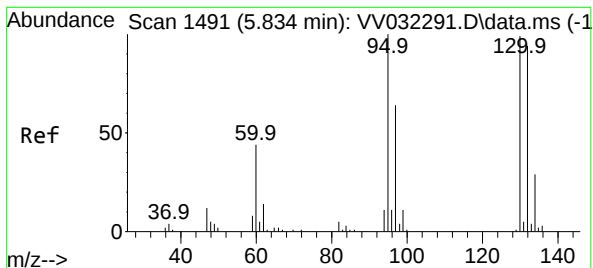
Tgt Ion: 117 Resp: 71773

Ion Ratio Lower Upper

117 100

119 97.6 77.6 116.4





#34

Trichloroethene

Concen: 0.733 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VV032304.D

Acq: 06 Oct 2023 16:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 6943

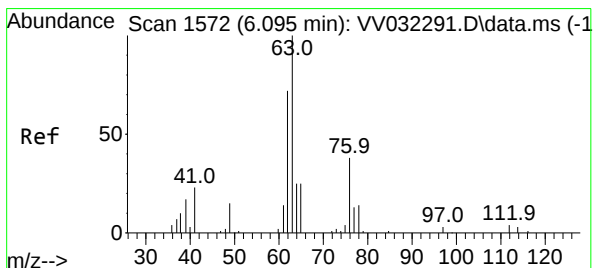
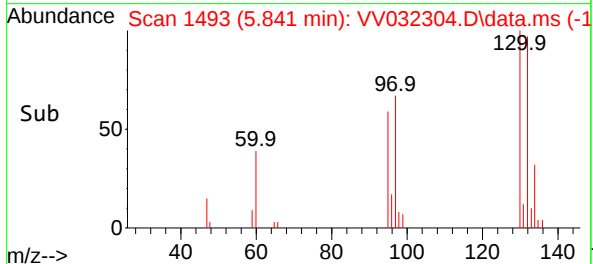
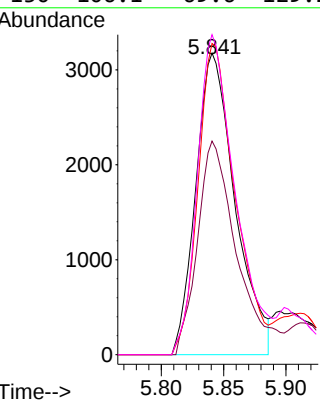
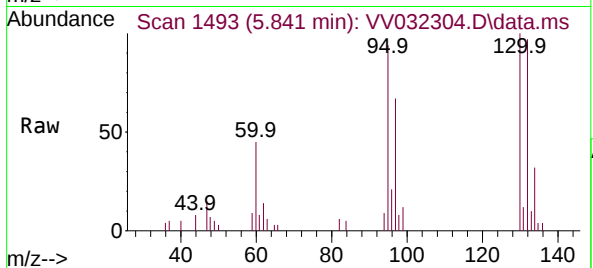
Ion Ratio Lower Upper

95 100

97 70.9 45.7 84.9

132 103.2 70.3 130.5

130 106.1 69.6 129.2



#37

1,2-Dichloropropane

Concen: 0.060 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. -0.042 min

Lab File: VV032304.D

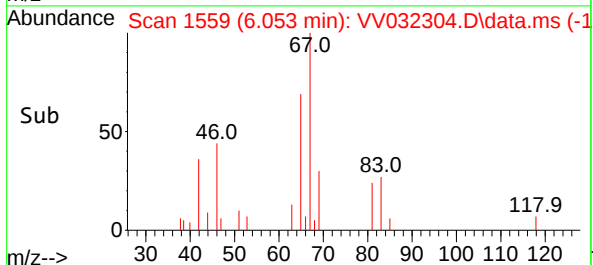
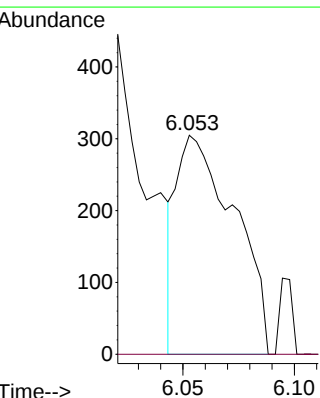
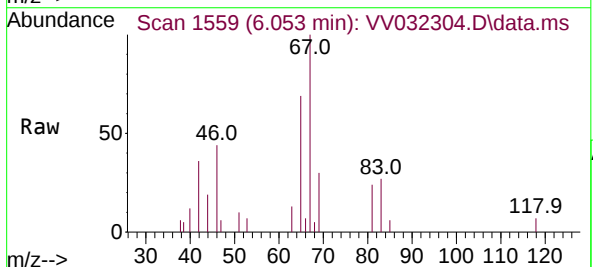
Acq: 06 Oct 2023 16:18

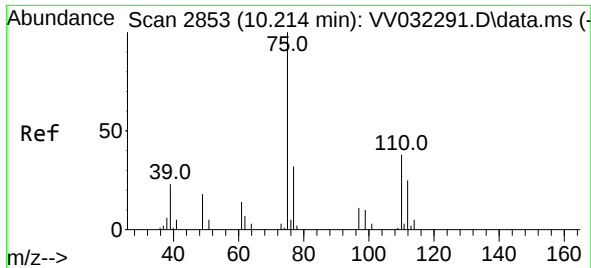
Tgt Ion: 63 Resp: 553

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#61

1,2,3-Trichloropropane

Concen: 1.176 ug/L

RT: 11.191 min Scan# 31

Delta R.T. 0.977 min

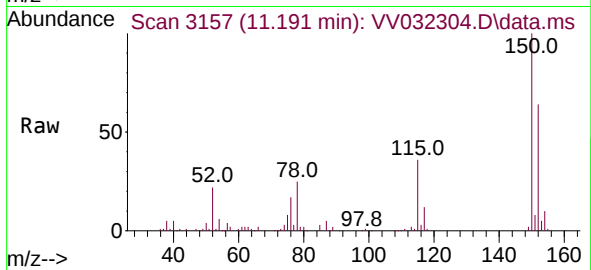
Lab File: VV032304.D

Acq: 06 Oct 2023 16:18

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5625

Ion Ratio Lower Upper

75 100

77 33.2 26.2 39.2

110 2.2 30.6 46.0#

