

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
 Data File : VV034673.D
 Acq On : 15 Mar 2024 23:28
 Operator : SY/MD
 Sample : P1740-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 16 01:15:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 00:58:04 2024
 Response via : Initial Calibration

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

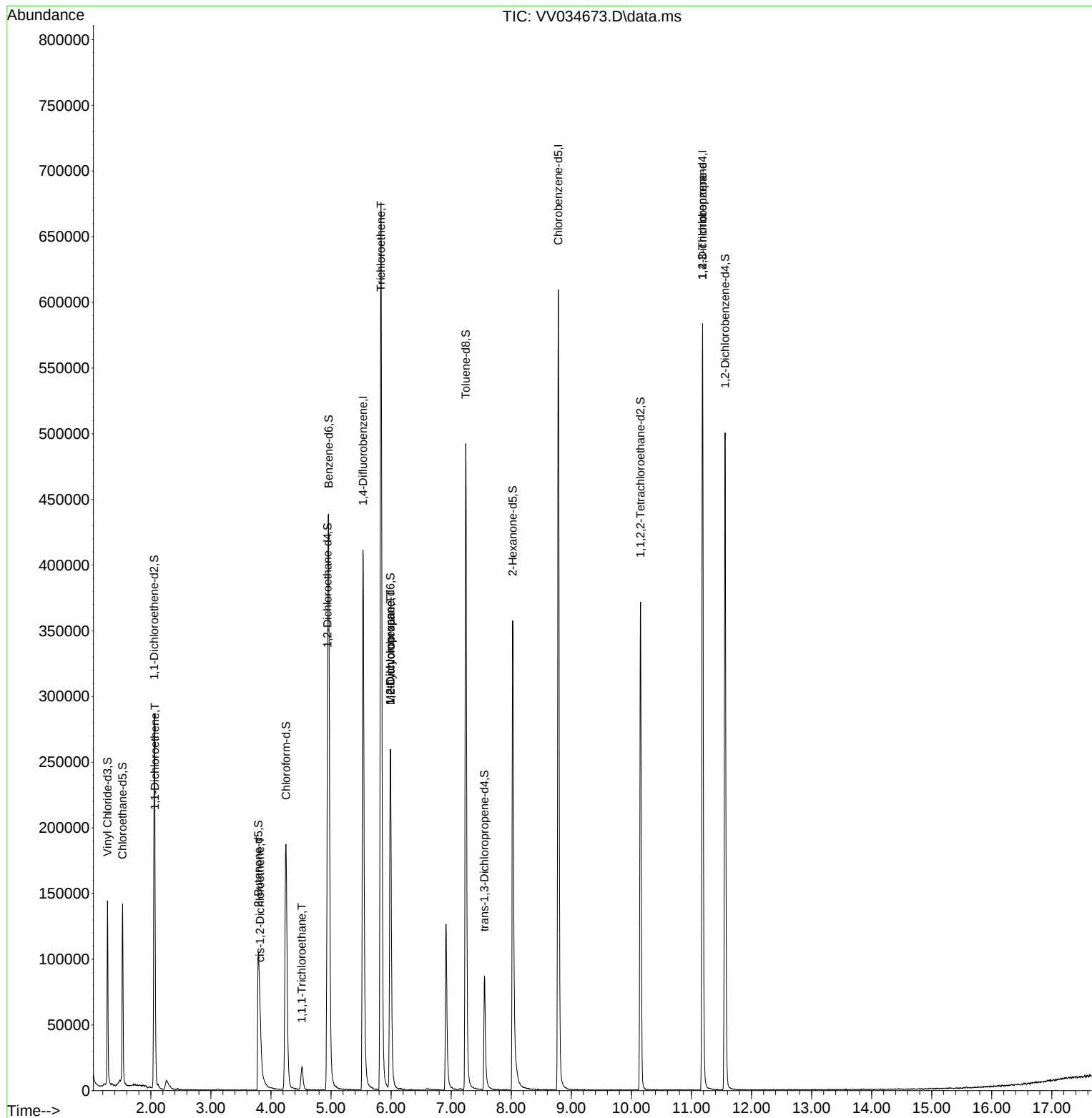
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	355288	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	327226	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	149400	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	86939	28.227	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	56.460%#	
7) Chloroethane-d5	1.529	69	82993	34.587	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	69.180%#	
11) 1,1-Dichloroethene-d2	2.056	65	42809	30.733	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	61.460%	
21) 2-Butanone-d5	3.790	46	176560	85.721	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	85.720%	
24) Chloroform-d	4.249	84	203430	37.356	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	74.720%	
26) 1,2-Dichloroethane-d4	4.941	65	138762	38.993	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	77.980%	
32) Benzene-d6	4.960	84	375402	38.012	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	76.020%	
36) 1,2-Dichloropropane-d6	5.989	67	123343	40.925	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	81.840%	
41) Toluene-d8	7.243	98	327403	36.634	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	73.260%#	
43) trans-1,3-Dichloroprop...	7.555	79	53432	35.304	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.600%	
47) 2-Hexanone-d5	8.024	63	120670	80.179	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	80.180%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	173710	43.797	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	87.600%	
66) 1,2-Dichlorobenzene-d4	11.561	152	128393	42.044	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	84.080%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	15719	5.909	ug/L #	1
20) cis-1,2-Dichloroethene	3.818	96	12713	4.550	ug/L	99
30) 1,1,1-Trichloroethane	4.513	97	14252	3.037	ug/L	98
34) Trichloroethene	5.831	95	236016	81.746	ug/L	98
35) Methylcyclohexane	5.989	83	30350	6.915	ug/L #	18
37) 1,2-Dichloropropane	5.989	63	14774	5.556	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	18172	6.372	ug/L #	66

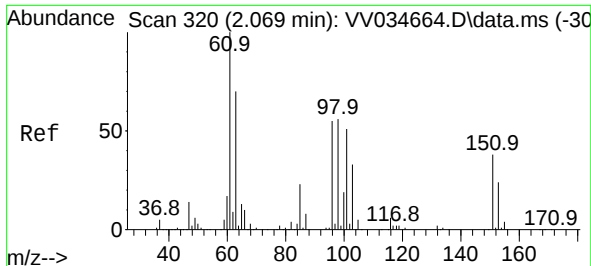
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 16 00:58:04 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.909 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

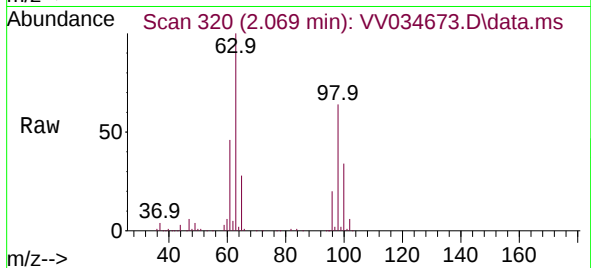
Lab File: VV034673.D

Acq: 15 Mar 2024 23:28

Instrument :

MSVOA_V

ClientSampleId :



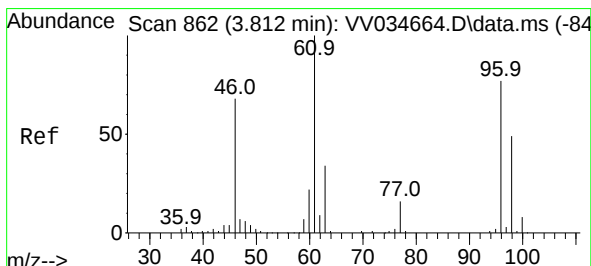
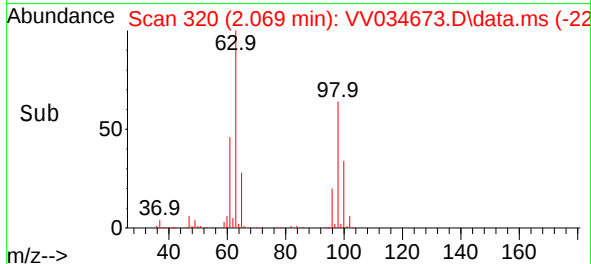
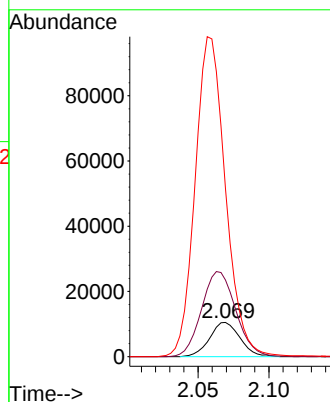
Tgt Ion: 96 Resp: 15719

Ion Ratio Lower Upper

96 100

61 224.0 128.9 239.3

63 490.5 98.0 182.0#



#20

cis-1,2-Dichloroethene

Concen: 4.550 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.007 min

Lab File: VV034673.D

Acq: 15 Mar 2024 23:28

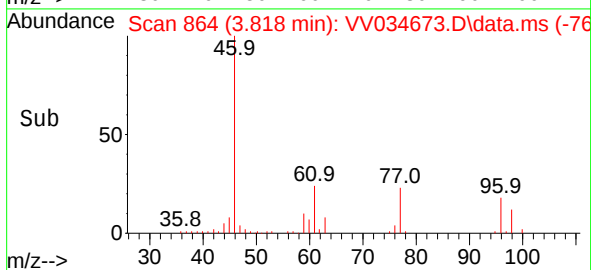
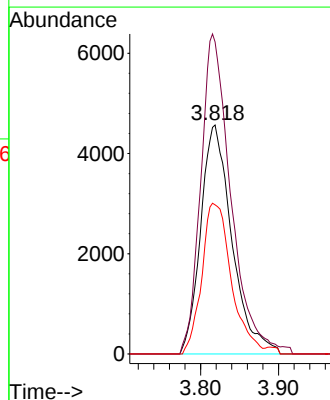
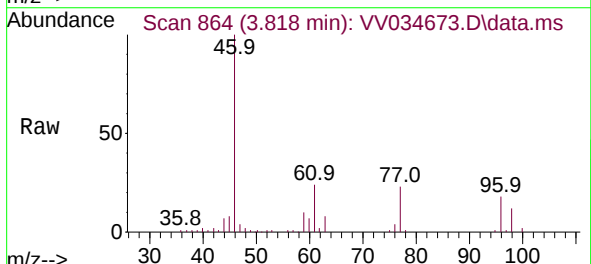
Tgt Ion: 96 Resp: 12713

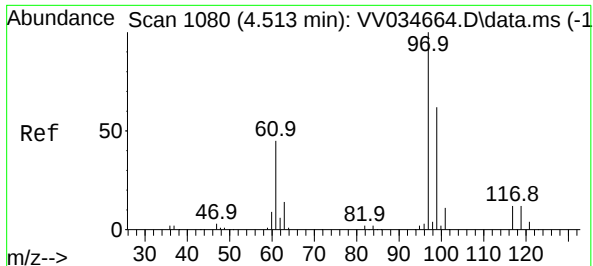
Ion Ratio Lower Upper

96 100

61 136.3 96.0 178.4

98 65.1 46.0 85.4





#30

1,1,1-Trichloroethane

Concen: 3.037 ug/L

RT: 4.513 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV034673.D

Acq: 15 Mar 2024 23:28

Instrument :

MSVOA_V

ClientSampleId :

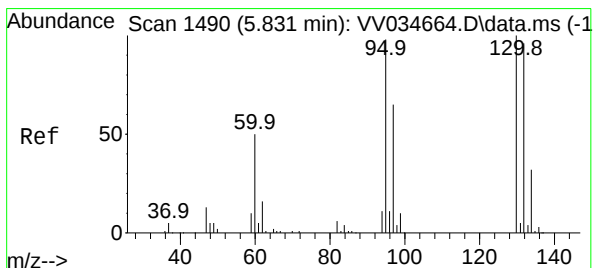
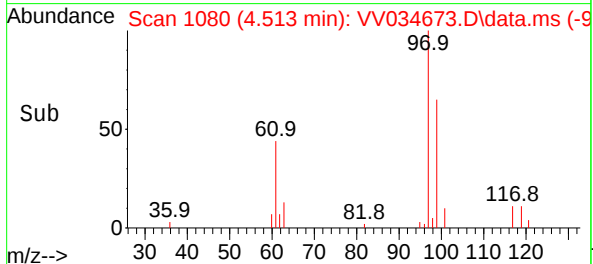
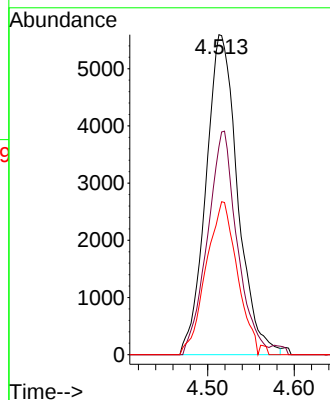
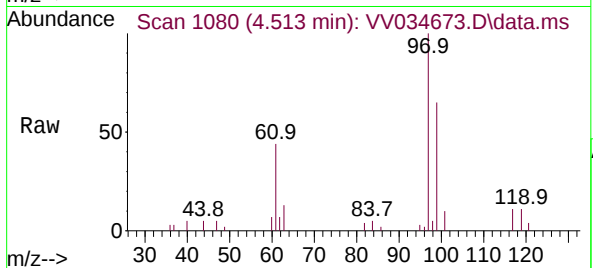
Tgt Ion: 97 Resp: 14252

Ion Ratio Lower Upper

97 100

99 65.3 51.3 76.9

61 46.8 36.0 54.0



#34

Trichloroethene

Concen: 81.746 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034673.D

Acq: 15 Mar 2024 23:28

Tgt Ion: 95 Resp: 236016

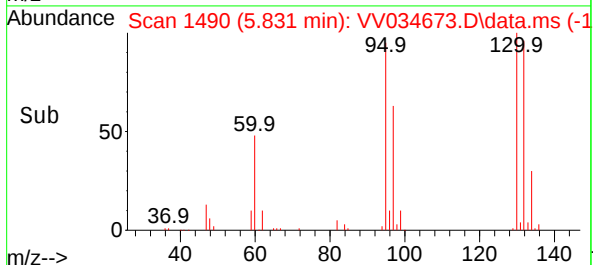
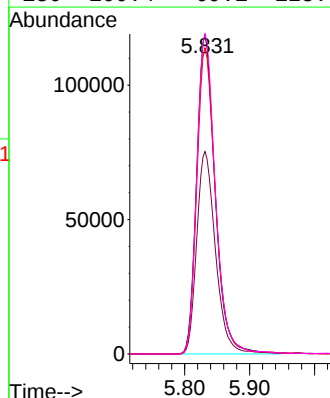
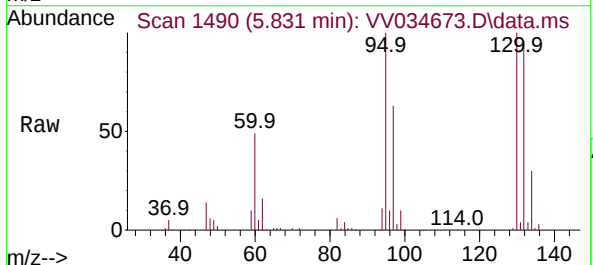
Ion Ratio Lower Upper

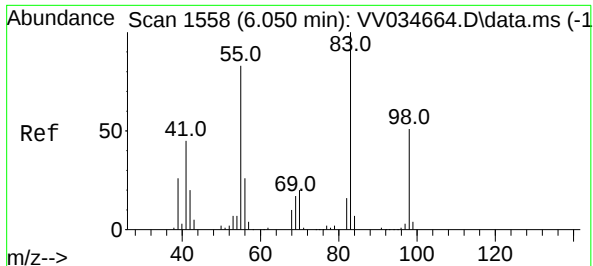
95 100

97 63.5 44.7 83.1

132 96.0 65.3 121.3

130 100.4 69.1 128.3





#35

Methylcyclohexane

Concen: 6.915 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV034673.D

Acq: 15 Mar 2024 23:28

Instrument :

MSVOA_V

ClientSampleId :

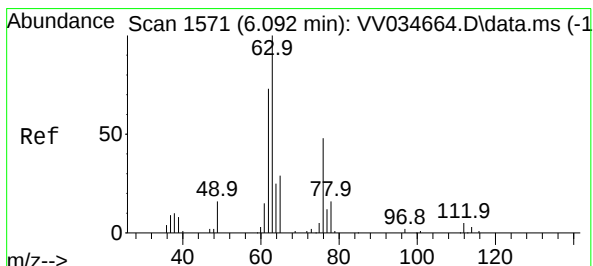
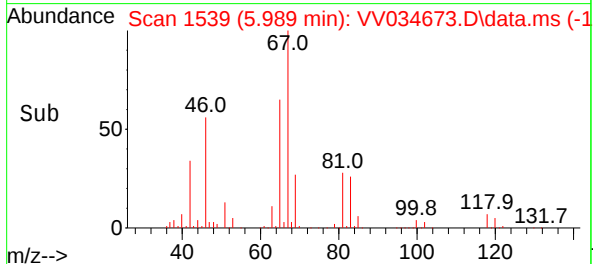
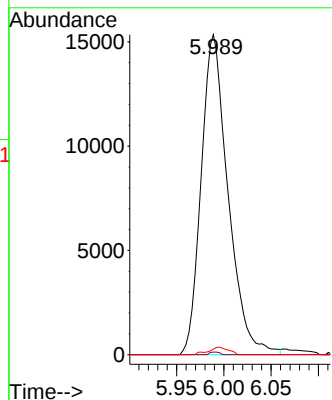
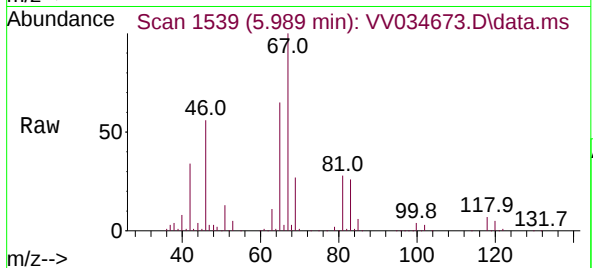
Tgt Ion: 83 Resp: 30350

Ion Ratio Lower Upper

83 100

55 0.3 62.6 94.0#

98 1.5 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 5.556 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.103 min

Lab File: VV034673.D

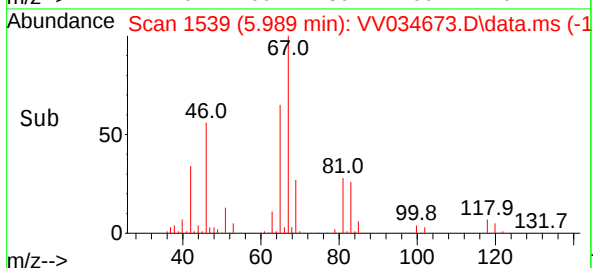
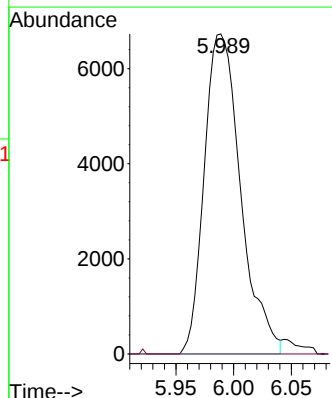
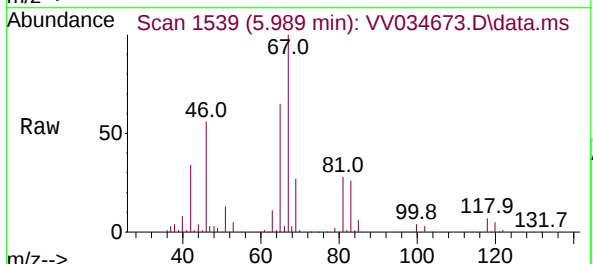
Acq: 15 Mar 2024 23:28

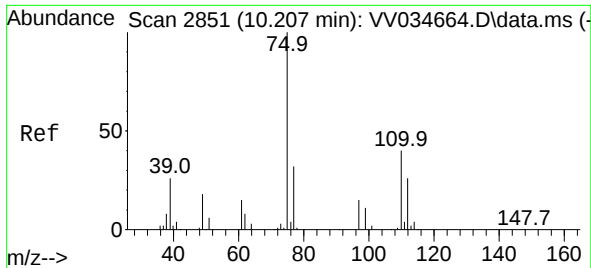
Tgt Ion: 63 Resp: 14774

Ion Ratio Lower Upper

63 100

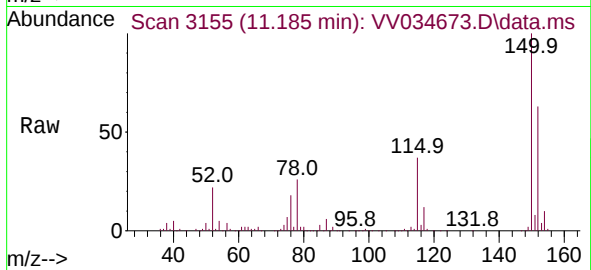
112 0.0 3.5 5.3#





#61
 1,2,3-Trichloropropane
 Concen: 6.372 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.978 min
 Lab File: VV034673.D
 Acq: 15 Mar 2024 23:28

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	18172
Ion Ratio	Lower	Upper
75	100	
77	32.5	25.9 38.9
110	3.1	33.1 49.7#

