

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
 Data File : VV033771.D
 Acq On : 19 Jan 2024 22:47
 Operator : SY/MD
 Sample : P1189-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 20 00:32:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 23:43:59 2024
 Response via : Initial Calibration

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

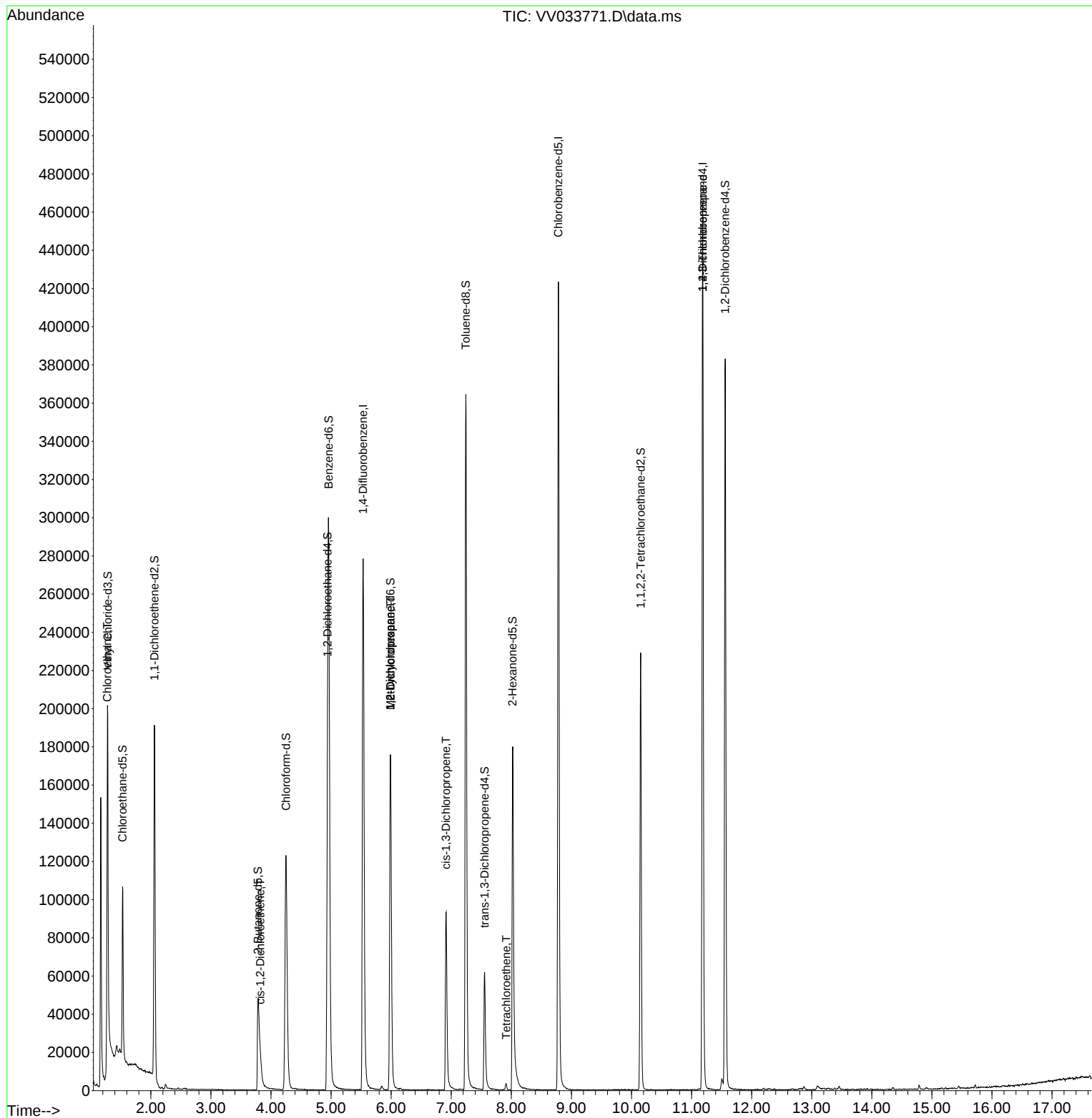
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	237544	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	222884	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	114306	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	65557	35.909	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.820%
7) Chloroethane-d5	1.529	69	57267	39.610	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.220%
11) 1,1-Dichloroethene-d2	2.060	65	31874	40.568	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.140%
21) 2-Butanone-d5	3.783	46	82768	66.097	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	66.100%
24) Chloroform-d	4.249	84	131534	40.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.580%
26) 1,2-Dichloroethane-d4	4.940	65	90985	43.136	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.280%
32) Benzene-d6	4.960	84	260508	41.113	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.220%
36) 1,2-Dichloropropane-d6	5.989	67	83312	39.944	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	79.880%
41) Toluene-d8	7.243	98	236563	41.436	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.880%
43) trans-1,3-Dichloroprop...	7.555	79	36764	35.665	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.320%
47) 2-Hexanone-d5	8.021	63	64229	74.239	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.240%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	106572	40.024	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.040%
66) 1,2-Dichlorobenzene-d4	11.561	152	95236	43.914	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.820%
Target Compounds						
					Qvalue	
8) Chloroethane	1.275	64	132982	103.739	ug/L #	54
20) cis-1,2-Dichloroethene	3.822	96	4300	2.426	ug/L	96
35) Methylcyclohexane	5.989	83	20202	6.722	ug/L #	16
37) 1,2-Dichloropropane	5.989	63	10202	5.663	ug/L #	88
39) cis-1,3-Dichloropropene	6.911	75	2673	0.889	ug/L #	66
46) Tetrachloroethene	7.915	164	772	0.599	ug/L #	68
61) 1,2,3-Trichloropropane	11.185	75	14120	6.960	ug/L #	66

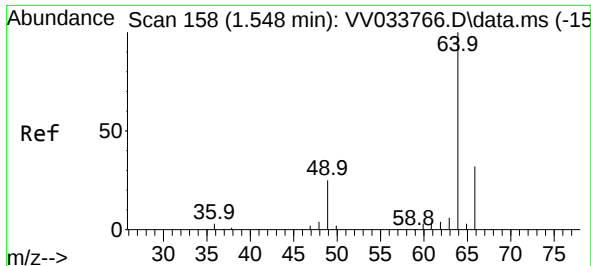
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 20 00:32:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 19 23:43:59 2024
Response via : Initial Calibration

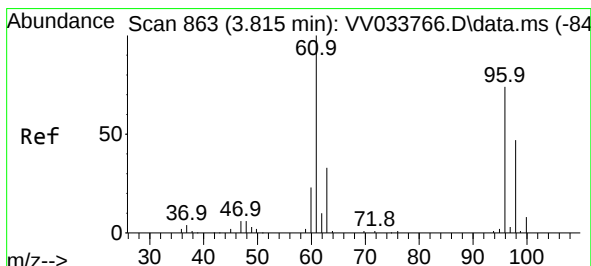
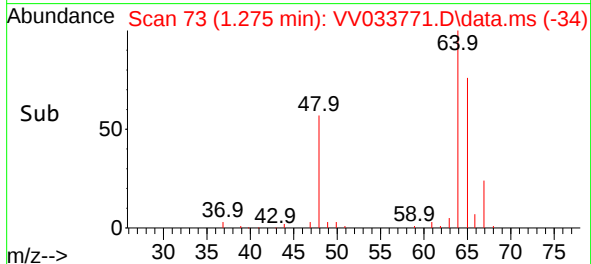
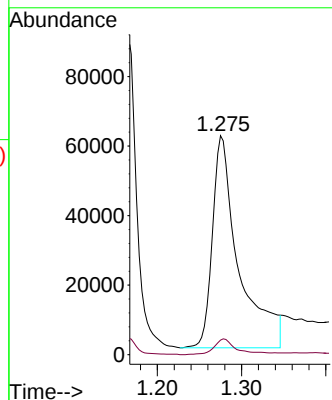
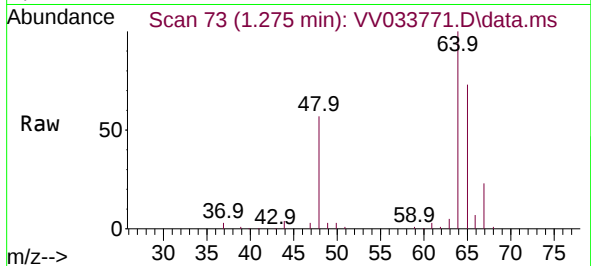




#8
Chloroethane
Concen: 103.739 ug/L
RT: 1.275 min Scan# 71
Delta R.T. -0.273 min
Lab File: VV033771.D
Acq: 19 Jan 2024 22:47

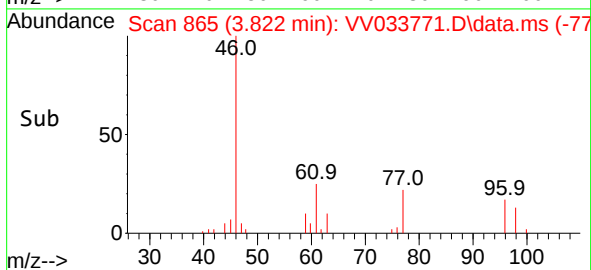
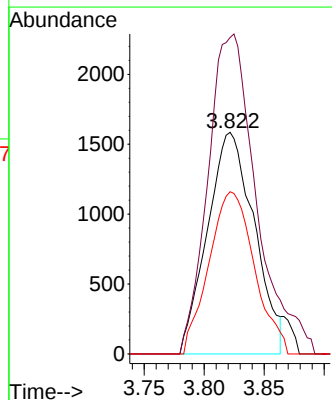
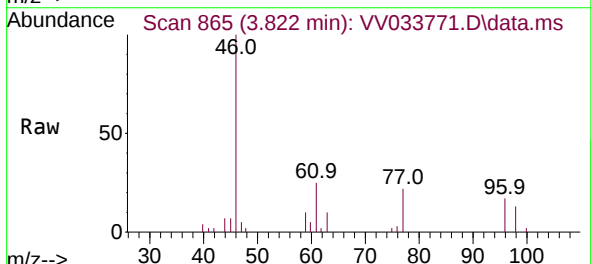
Instrument :
MSVOA_V
ClientSampleId :

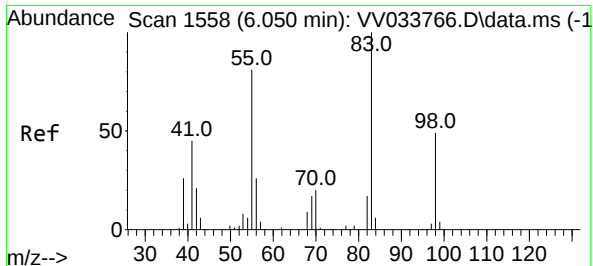
Tgt Ion: 64 Resp: 132982
Ion Ratio Lower Upper
64 100
66 6.7 22.5 41.9#



#20
cis-1,2-Dichloroethene
Concen: 2.426 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.006 min
Lab File: VV033771.D
Acq: 19 Jan 2024 22:47

Tgt Ion: 96 Resp: 4300
Ion Ratio Lower Upper
96 100
61 142.8 100.6 186.8
98 73.2 44.6 82.8





#35

Methylcyclohexane

Concen: 6.722 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV033771.D

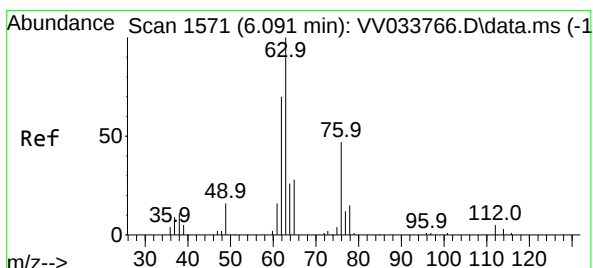
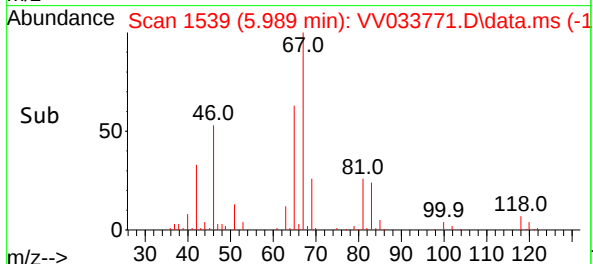
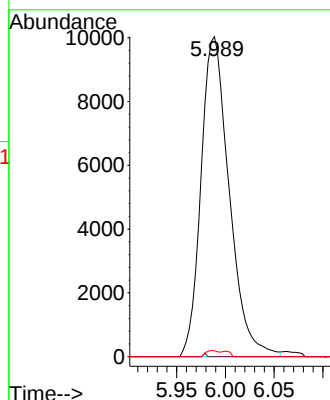
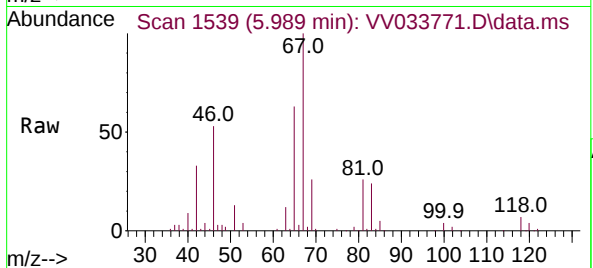
Acq: 19 Jan 2024 22:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 20202
Ion Ratio	Lower Upper
83 100	
55 0.0	67.1 100.7#
98 0.9	37.7 56.5#



#37

1,2-Dichloropropane

Concen: 5.663 ug/L

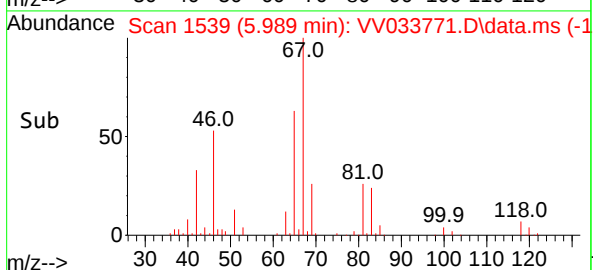
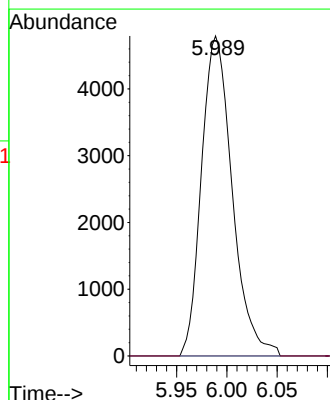
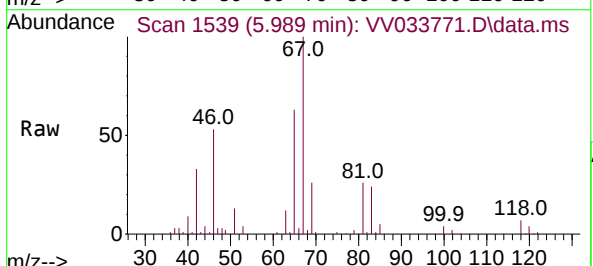
RT: 5.989 min Scan# 1539

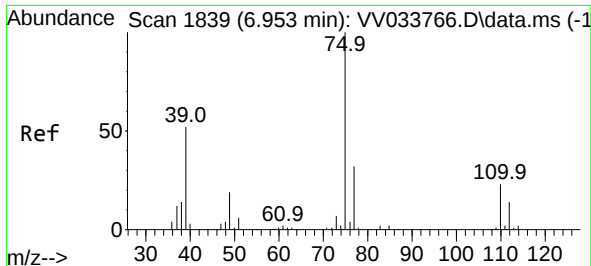
Delta R.T. -0.103 min

Lab File: VV033771.D

Acq: 19 Jan 2024 22:47

Tgt Ion: 63	Resp: 10202
Ion Ratio	Lower Upper
63 100	
112 0.0	3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.889 ug/L

RT: 6.911 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV033771.D

Acq: 19 Jan 2024 22:47

Instrument :

MSVOA_V

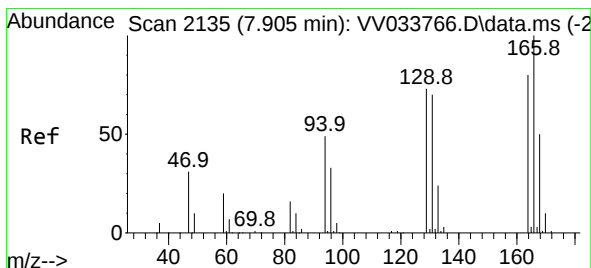
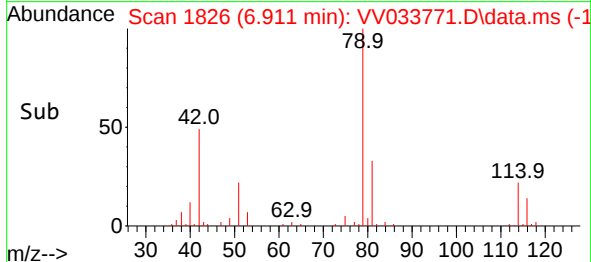
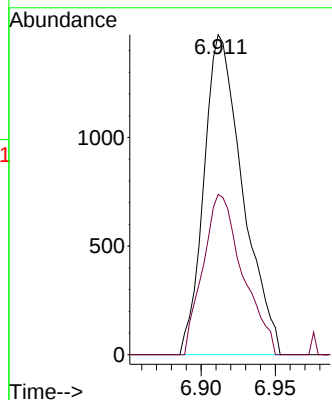
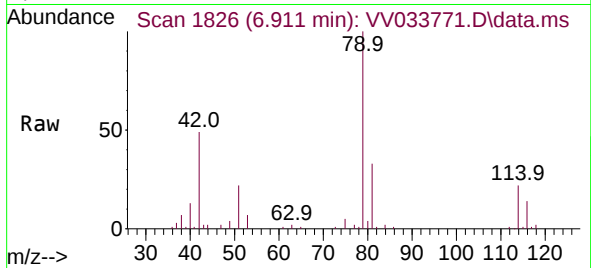
ClientSampleId :

Tgt Ion: 75 Resp: 2673

Ion Ratio Lower Upper

75 100

77 50.1 22.0 41.0#



#46

Tetrachloroethene

Concen: 0.599 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.010 min

Lab File: VV033771.D

Acq: 19 Jan 2024 22:47

Tgt Ion: 164 Resp: 772

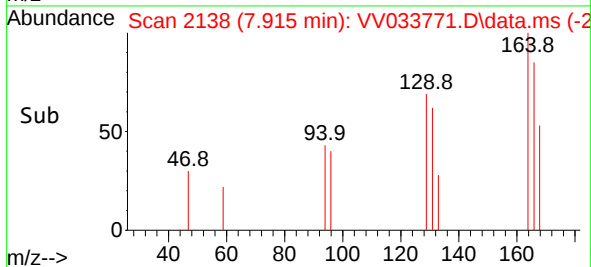
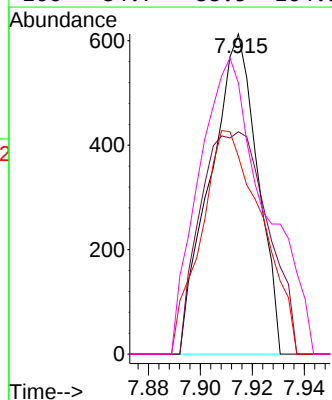
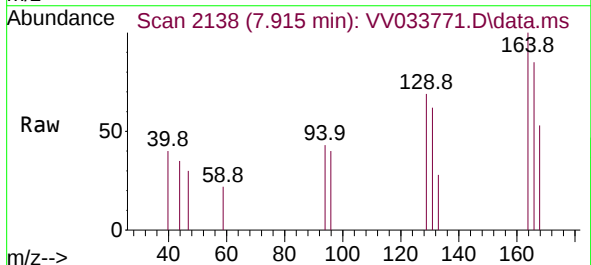
Ion Ratio Lower Upper

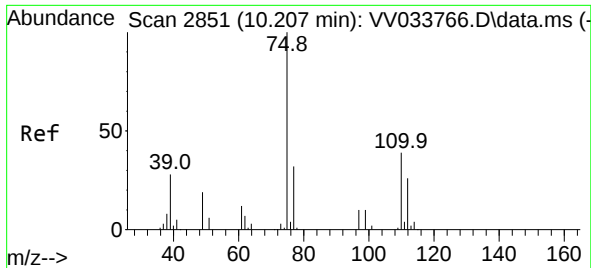
164 100

129 69.5 66.1 122.7

131 61.7 65.9 122.5#

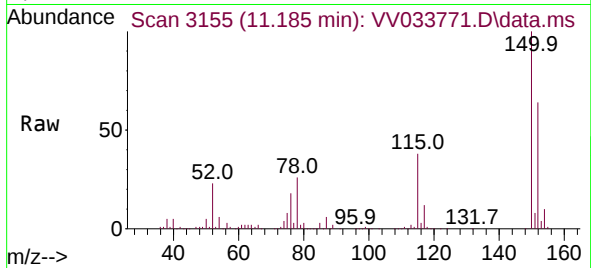
166 84.7 88.5 164.3#





#61
 1,2,3-Trichloropropane
 Concen: 6.960 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV033771.D
 Acq: 19 Jan 2024 22:47

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 14120
 Ion Ratio Lower Upper
 75 100
 77 34.7 25.3 37.9
 110 2.7 29.5 44.3#

