

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037402.D
 Acq On : 19 Sep 2024 23:53
 Operator : SY/MD
 Sample : P3988-12 20X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 04:15:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 03:11:07 2024
 Response via : Initial Calibration

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

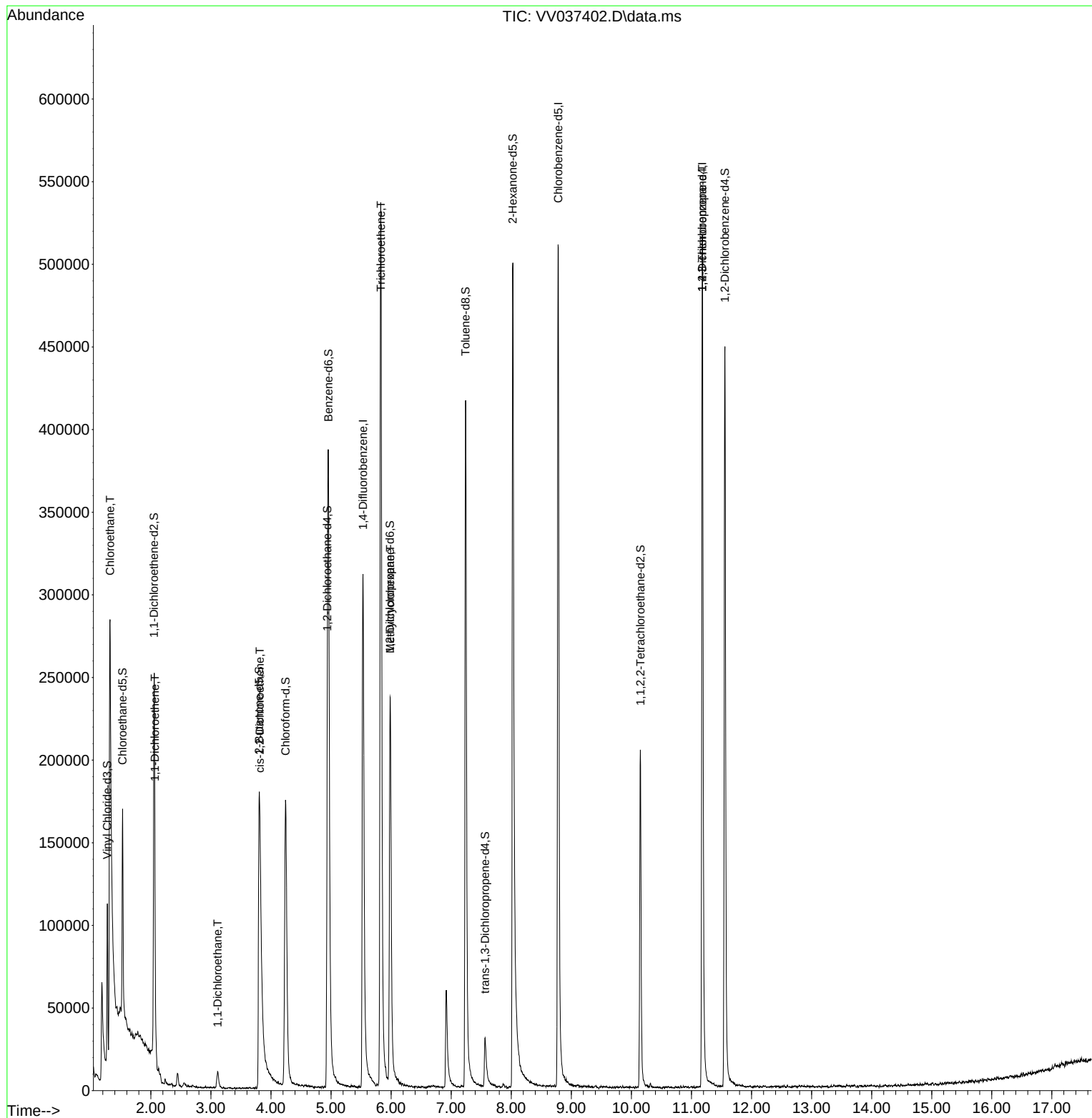
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	296163	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	302738	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	140158	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	61984	3.567	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.400%
7) Chloroethane-d5	1.529	69	78719	4.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.053	65	34435	3.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	3.802	46	248485	47.853	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.700%
24) Chloroform-d	4.243	84	197105	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	4.937	65	99329	5.029	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	4.956	84	363282	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	5.982	67	121213	4.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.239	98	300869	4.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	7.564	79	23809	2.867	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.400%
46) 2-Hexanone-d5	8.024	63	205529	50.664	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.320%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	105642	5.135	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	11.557	152	122323	4.909	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
8) Chloroethane	1.320	64	510547	29.429	ug/L #	51
12) 1,1-Dichloroethene	2.066	96	12880	0.621	ug/L #	1
19) 1,1-Dichloroethane	3.111	63	10798	0.259	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	18482	0.783	ug/L	91
34) Trichloroethene	5.828	95	200831	8.170	ug/L	98
35) Methylcyclohexane	5.985	83	29066	0.778	ug/L #	20
61) 1,2,3-Trichloropropane	11.181	75	17522	1.374	ug/L #	66

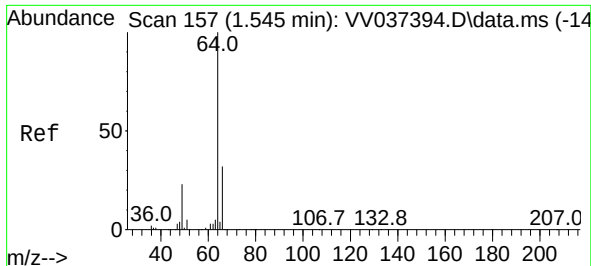
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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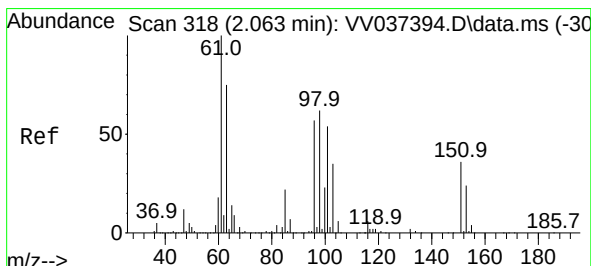
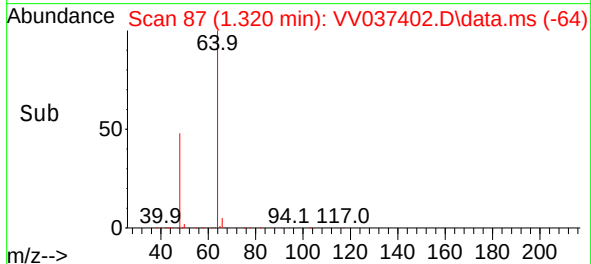
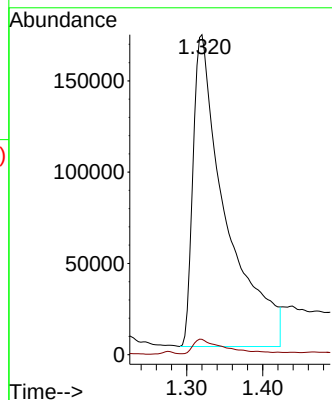
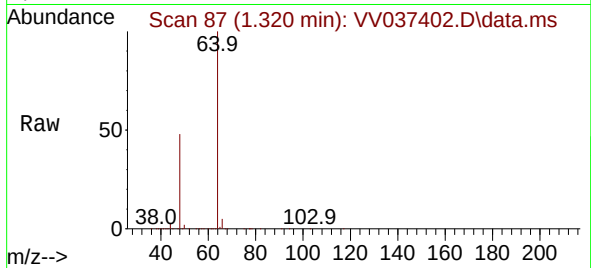




#8
Chloroethane
Concen: 29.429 ug/L
RT: 1.320 min Scan# 81
Delta R.T. -0.225 min
Lab File: VV037402.D
Acq: 19 Sep 2024 23:53

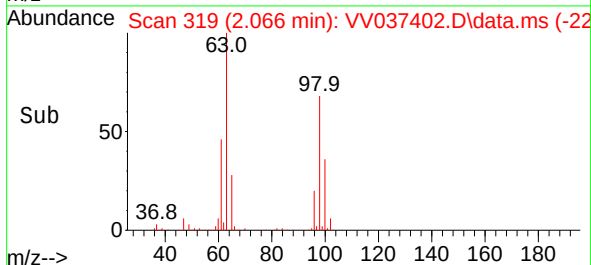
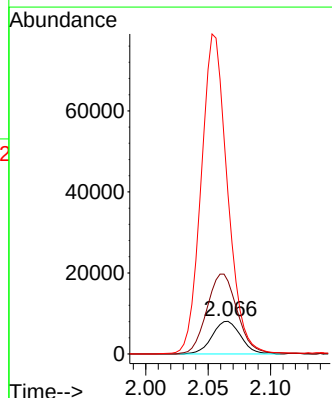
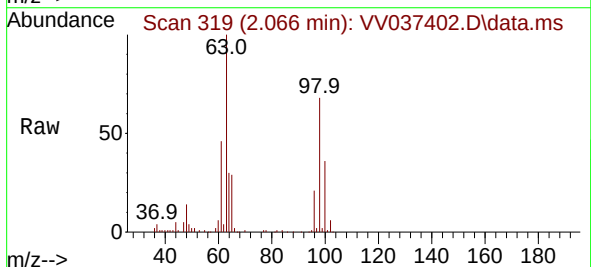
Instrument :
MSVOA_V
ClientSampleId :

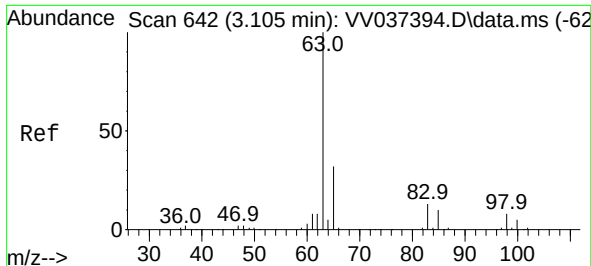
Tgt Ion: 64 Resp: 510547
Ion Ratio Lower Upper
64 100
66 4.8 22.7 42.1#



#12
1,1-Dichloroethene
Concen: 0.621 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037402.D
Acq: 19 Sep 2024 23:53

Tgt Ion: 96 Resp: 12880
Ion Ratio Lower Upper
96 100
61 222.9 119.9 222.7#
63 487.0 81.4 151.2#





#19

1,1-Dichloroethane

Concen: 0.259 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.006 min

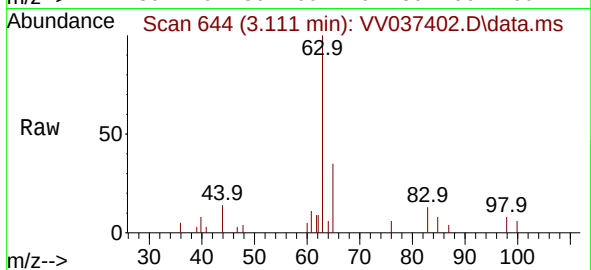
Lab File: VV037402.D

Acq: 19 Sep 2024 23:53

Instrument :

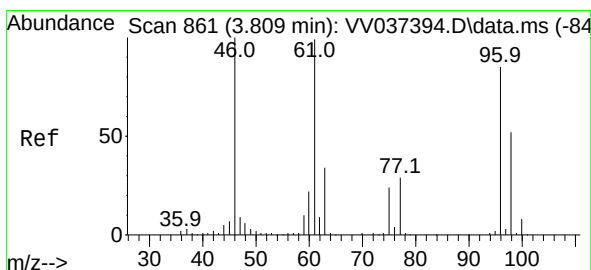
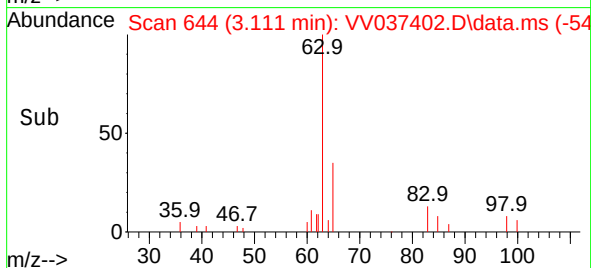
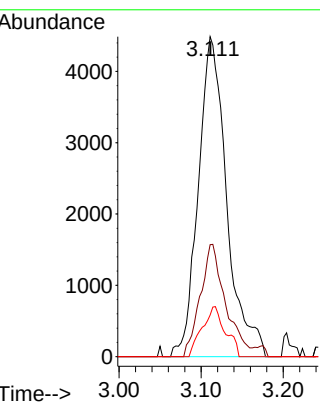
MSVOA_V

ClientSampleId :



Tgt Ion: 63 Resp: 10798

Ion	Ratio	Lower	Upper
63	100		
65	35.0	22.5	41.7
83	13.0	8.9	16.5



#22

cis-1,2-Dichloroethene

Concen: 0.783 ug/L

RT: 3.815 min Scan# 863

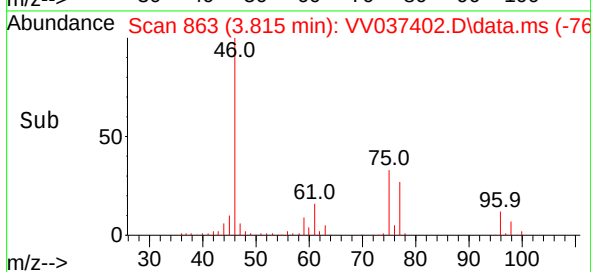
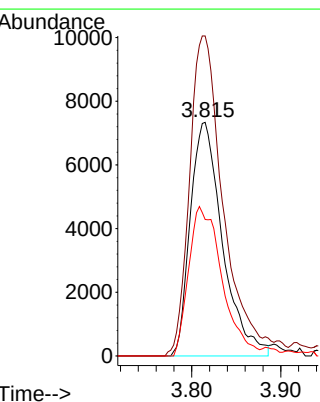
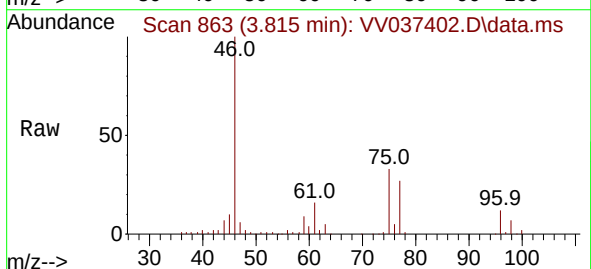
Delta R.T. 0.006 min

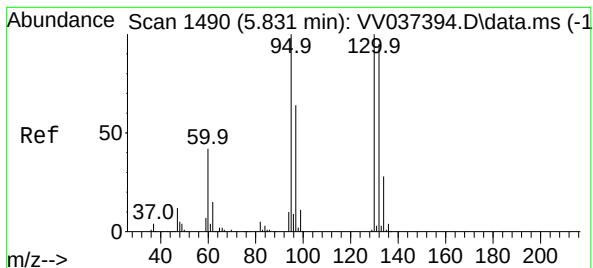
Lab File: VV037402.D

Acq: 19 Sep 2024 23:53

Tgt Ion: 96 Resp: 18482

Ion	Ratio	Lower	Upper
96	100		
61	136.9	87.6	162.6
98	58.4	44.9	83.5





#34

Trichloroethene

Concen: 8.170 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.003 min

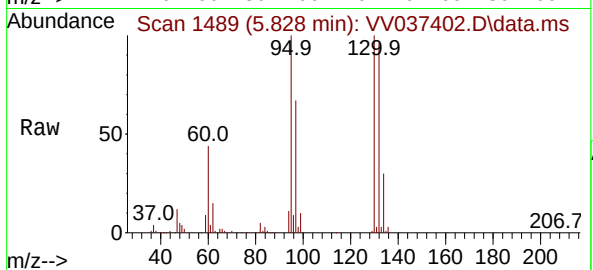
Lab File: VV037402.D

Acq: 19 Sep 2024 23:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 200831

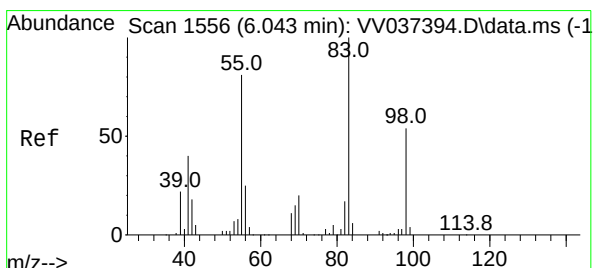
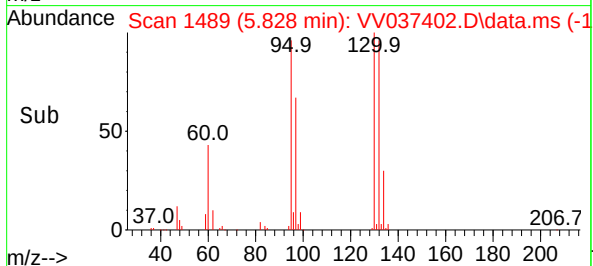
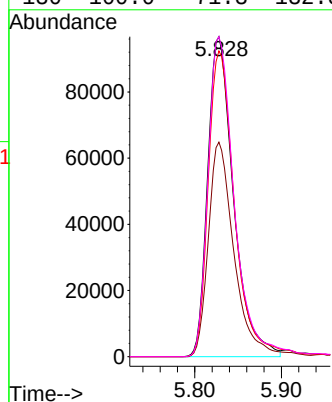
Ion Ratio Lower Upper

95 100

97 67.1 46.5 86.5

132 95.5 65.5 121.7

130 100.0 71.3 132.3



#35

Methylcyclohexane

Concen: 0.778 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.058 min

Lab File: VV037402.D

Acq: 19 Sep 2024 23:53

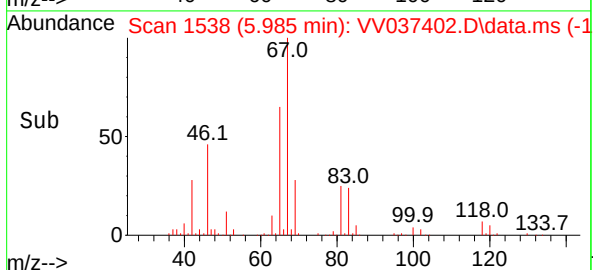
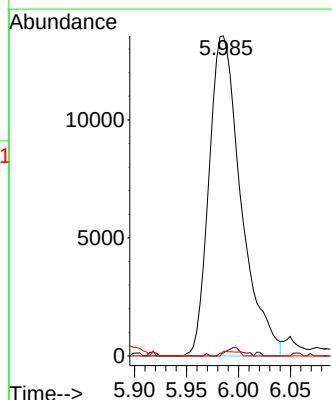
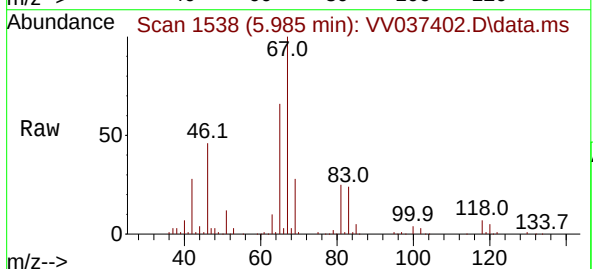
Tgt Ion: 83 Resp: 29066

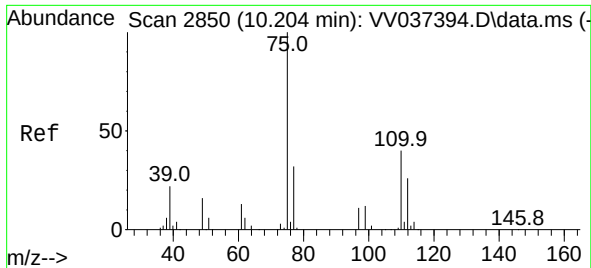
Ion Ratio Lower Upper

83 100

55 1.4 60.3 90.5#

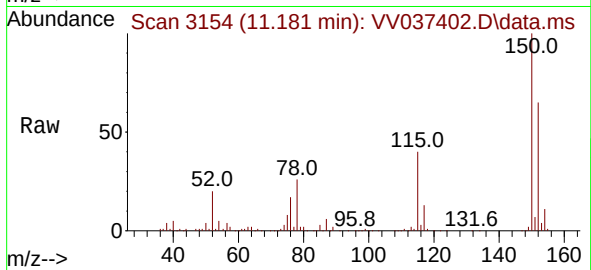
98 0.7 38.2 57.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.374 ug/L
 RT: 11.181 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV037402.D
 Acq: 19 Sep 2024 23:53

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	17522
Ion Ratio	Lower	Upper
75	100	
77	34.9	25.6 38.4
110	3.5	31.0 46.4#

