

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037630.D
 Acq On : 28 Sep 2024 00:14
 Operator : SY/MD
 Sample : P4185-11
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:22:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

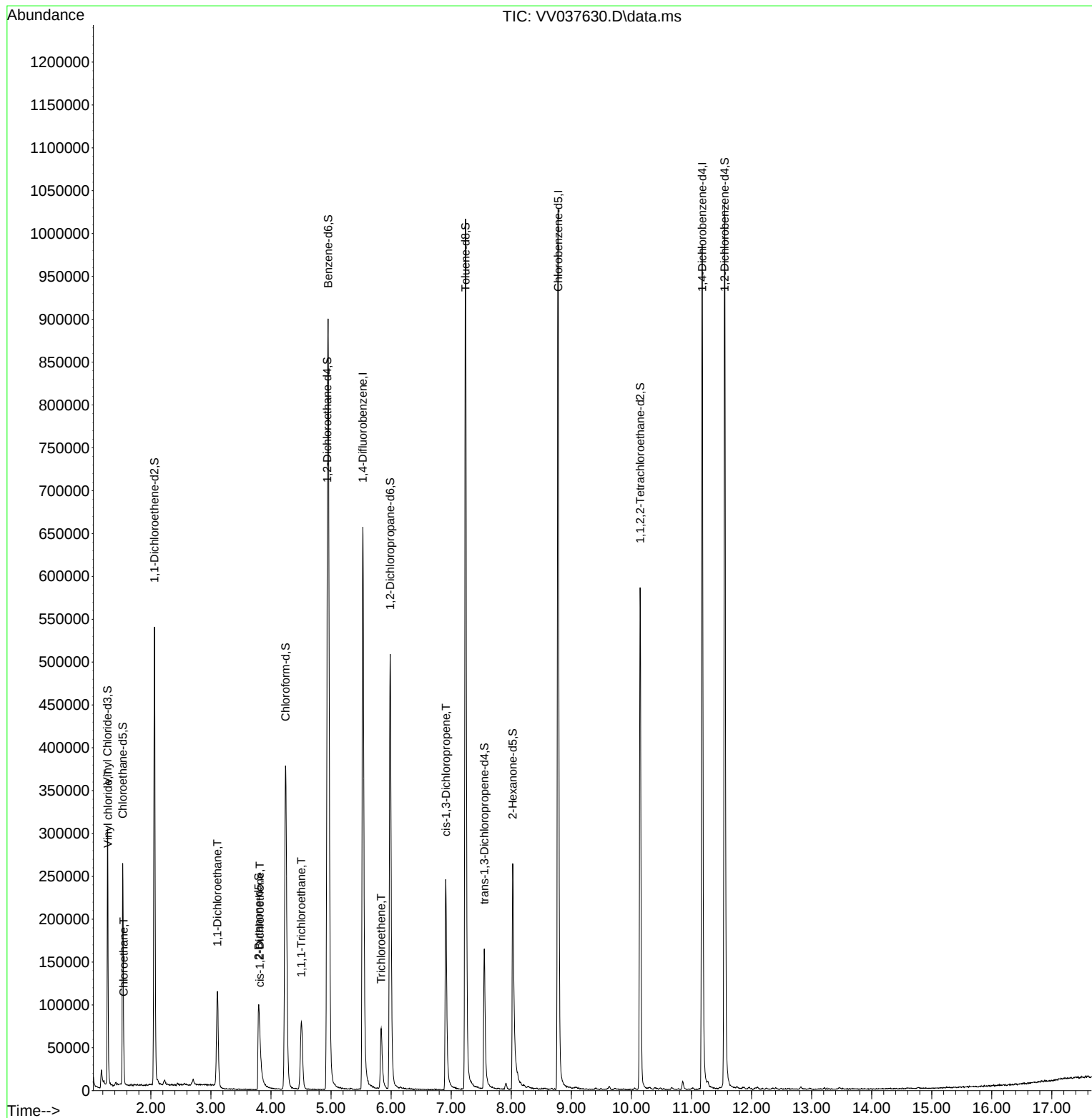
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	582127	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	569172	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	260992	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	196890	38.529	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.060%
7) Chloroethane-d5	1.532	69	169130	42.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.280%
11) 1,1-Dichloroethene-d2	2.060	65	87799	41.124	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.240%
21) 2-Butanone-d5	3.796	46	153097	84.113	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.110%
24) Chloroform-d	4.243	84	409830	45.078	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.160%
26) 1,2-Dichloroethane-d4	4.937	65	244051	45.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.720%
32) Benzene-d6	4.953	84	794297	44.597	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	5.986	67	256797	45.279	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.560%
41) Toluene-d8	7.239	98	701374	43.429	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.860%
43) trans-1,3-Dichloroprop...	7.551	79	105159	39.915	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.820%
47) 2-Hexanone-d5	8.024	63	91048	76.027	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.030%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	288278	43.746	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.500%
66) 1,2-Dichlorobenzene-d4	11.554	152	269454	48.995	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.980%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	5387	1.044	ug/L #	19
8) Chloroethane	1.548	64	5845	1.839	ug/L	92
19) 1,1-Dichloroethane	3.108	63	111468	14.190	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	5900	1.286	ug/L	94
30) 1,1,1-Trichloroethane	4.506	97	66728	9.519	ug/L	99
34) Trichloroethene	5.834	95	26626	5.824	ug/L	96
39) cis-1,3-Dichloropropene	6.912	75	6775	0.957	ug/L #	67

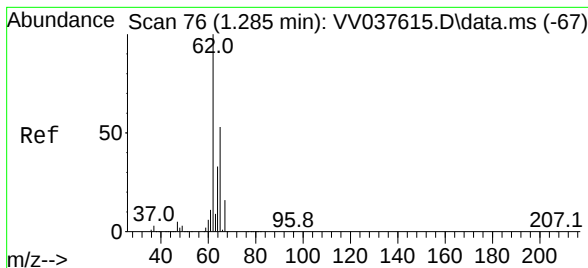
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
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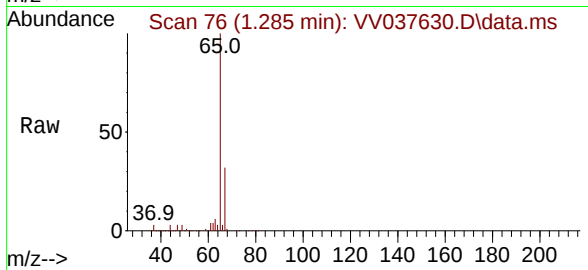
Quant Time: Sep 28 04:22:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
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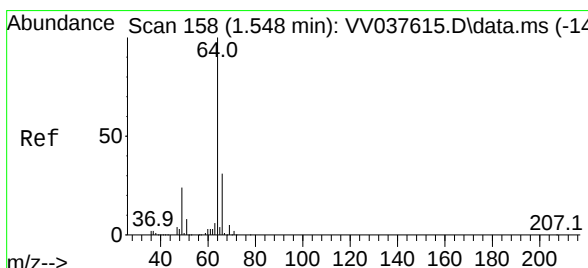
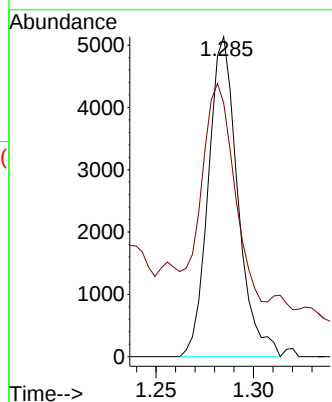
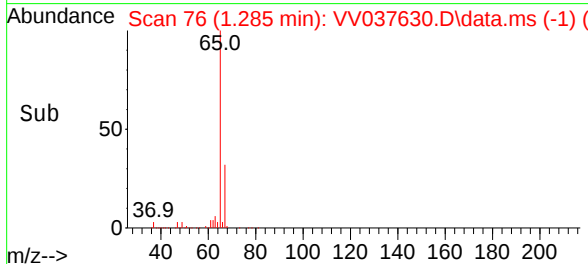


#5
 Vinyl chloride
 Concen: 1.044 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV037630.D
 Acq: 28 Sep 2024 00:14

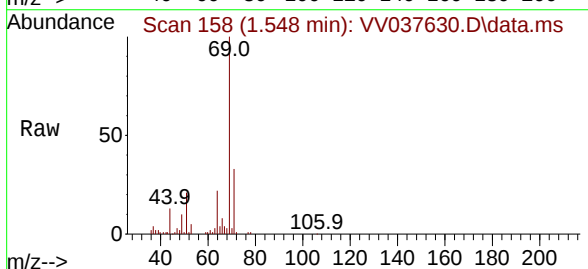
Instrument :
 MSVOA_V
 ClientSampleId :



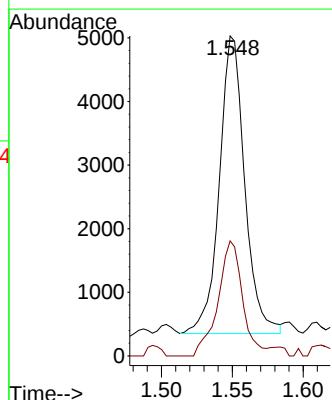
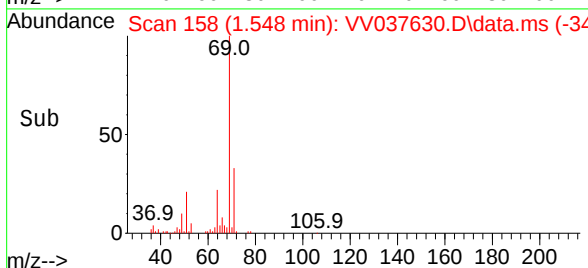
Tgt Ion: 62 Resp: 5387
 Ion Ratio Lower Upper
 62 100
 64 79.2 23.2 43.0#

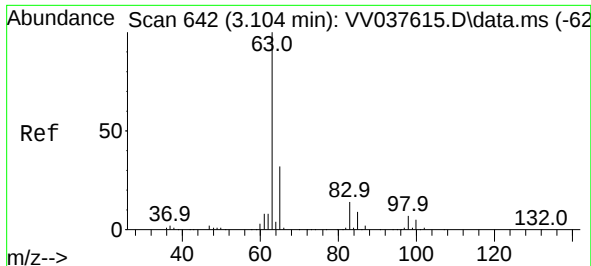


#8
 Chloroethane
 Concen: 1.839 ug/L
 RT: 1.548 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VV037630.D
 Acq: 28 Sep 2024 00:14



Tgt Ion: 64 Resp: 5845
 Ion Ratio Lower Upper
 64 100
 66 35.9 22.2 41.2

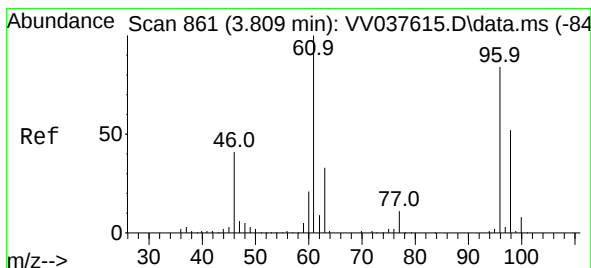
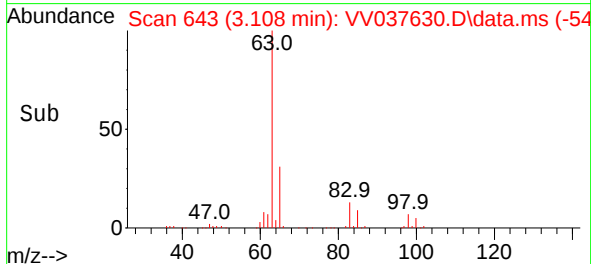
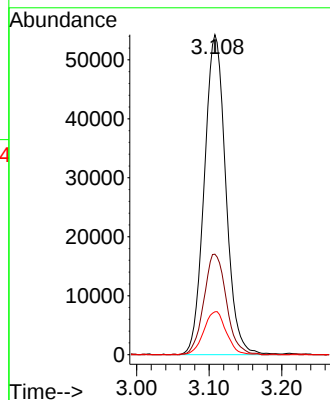
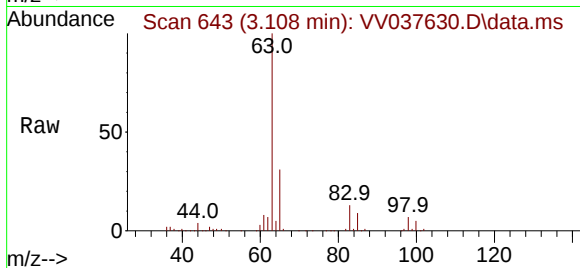




#19
1,1-Dichloroethane
Concen: 14.190 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV037630.D
Acq: 28 Sep 2024 00:14

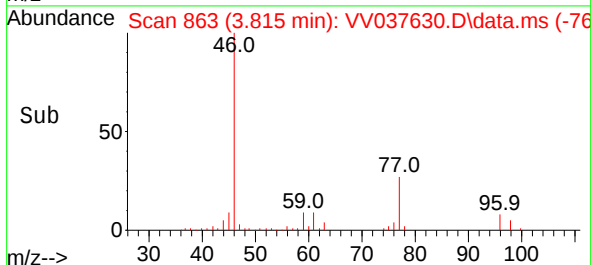
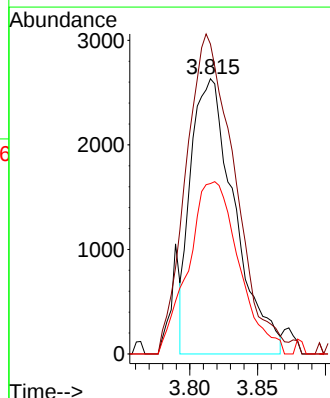
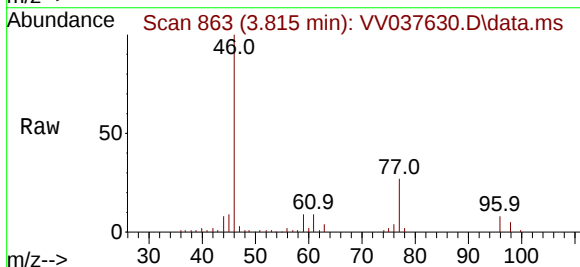
Instrument :
MSVOA_V
ClientSampleId :

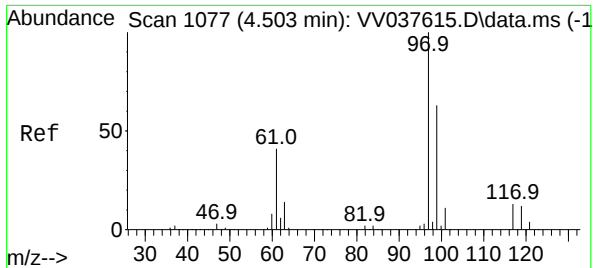
Tgt Ion: 63 Resp: 111468
Ion Ratio Lower Upper
63 100
65 31.4 22.4 41.6
83 13.4 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 1.286 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.007 min
Lab File: VV037630.D
Acq: 28 Sep 2024 00:14

Tgt Ion: 96 Resp: 5900
Ion Ratio Lower Upper
96 100
61 112.7 85.0 157.8
98 61.9 44.2 82.0





#30

1,1,1-Trichloroethane

Concen: 9.519 ug/L

RT: 4.506 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037630.D

Acq: 28 Sep 2024 00:14

Instrument :

MSVOA_V

ClientSampleId :

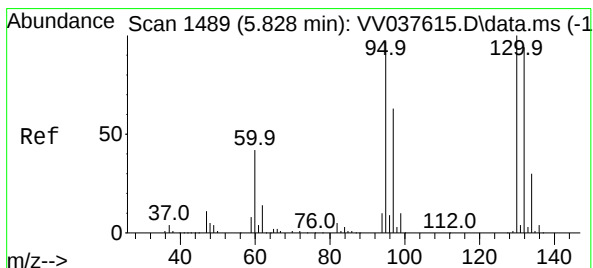
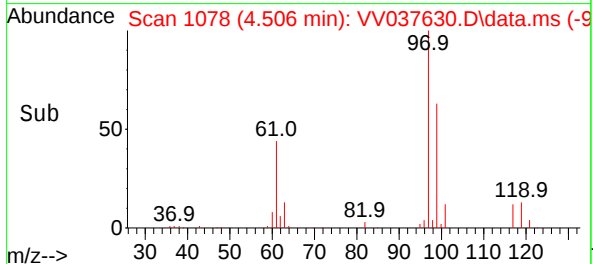
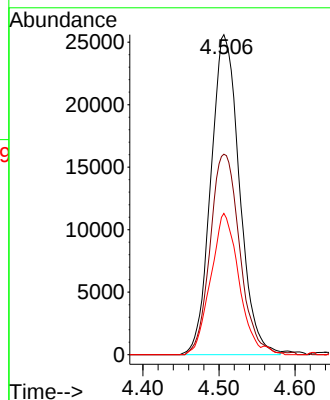
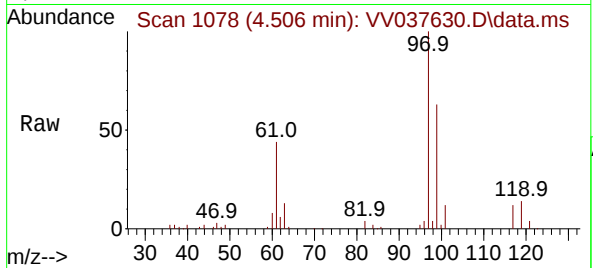
Tgt Ion: 97 Resp: 66728

Ion Ratio Lower Upper

97 100

99 64.7 51.8 77.6

61 43.1 33.6 50.4



#34

Trichloroethene

Concen: 5.824 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.007 min

Lab File: VV037630.D

Acq: 28 Sep 2024 00:14

Tgt Ion: 95 Resp: 26626

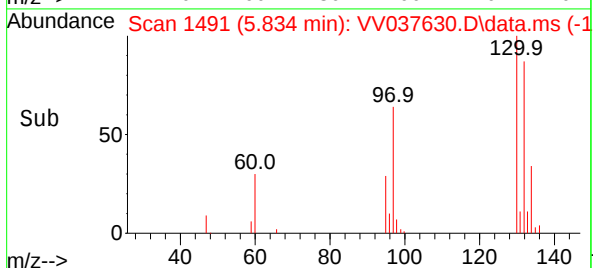
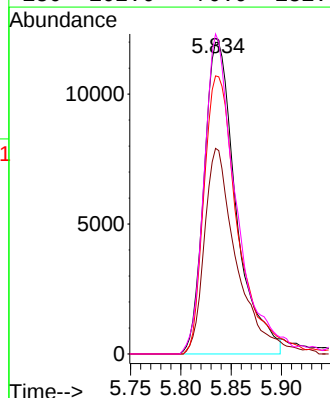
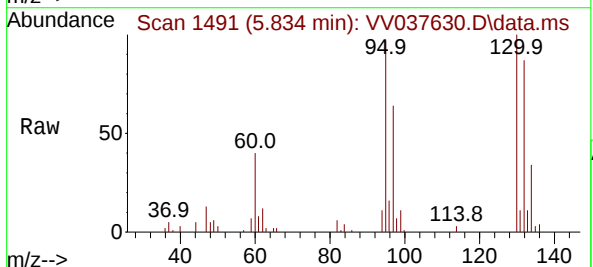
Ion Ratio Lower Upper

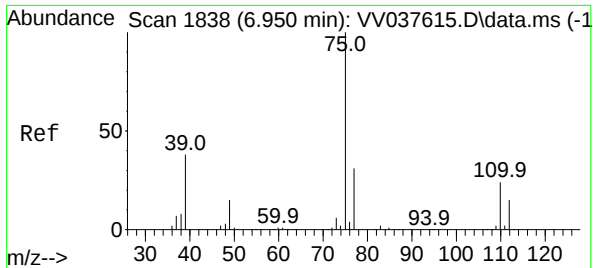
95 100

97 66.0 46.3 85.9

132 89.2 68.6 127.4

130 102.6 70.9 131.7





#39
 cis-1,3-Dichloropropene
 Concen: 0.957 ug/L
 RT: 6.912 min Scan# 11
 Delta R.T. -0.038 min
 Lab File: VV037630.D
 Acq: 28 Sep 2024 00:14

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 6775
 Ion Ratio Lower Upper
 75 100
 77 49.2 21.8 40.4#

