

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022124\
 Data File : VV034315.D
 Acq On : 21 Feb 2024 13:29
 Operator : SY/MD
 Sample : P1503-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 00:21:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 22 00:18:57 2024
 Response via : Initial Calibration

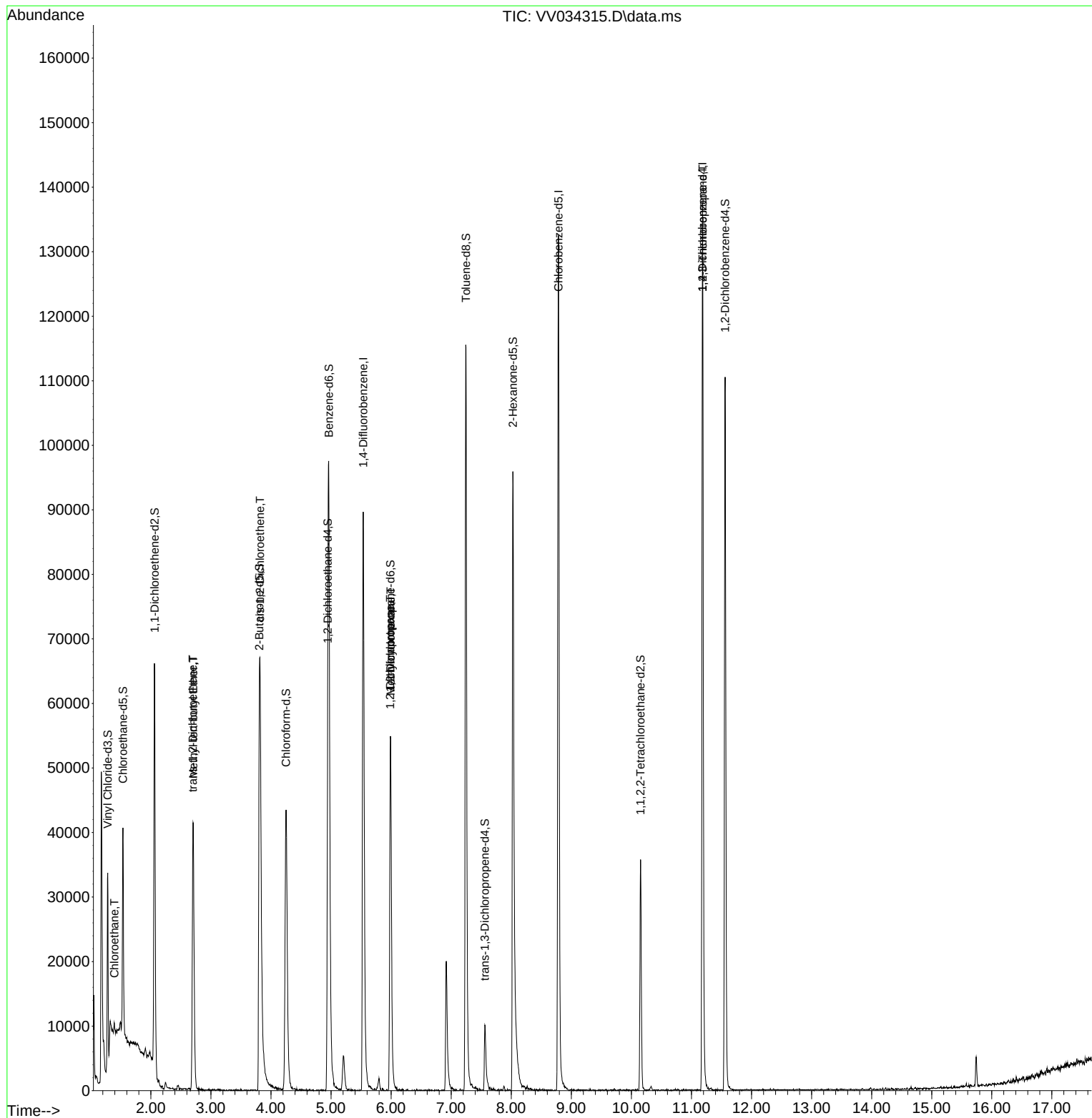
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	80285	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	73450	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35318	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	19896	3.200	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.000%	
7) Chloroethane-d5	1.536	69	19244	3.533	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	70.600%	
11) 1,1-Dichloroethene-d2	2.063	65	10589	3.531	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.600%	
20) 2-Butanone-d5	3.806	46	44672	42.778	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	85.560%	
24) Chloroform-d	4.249	84	48020	4.250	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
26) 1,2-Dichloroethane-d4	4.944	65	23921	4.530	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.600%	
32) Benzene-d6	4.963	84	87148	3.955	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.000%	
36) 1,2-Dichloropropane-d6	5.989	67	25388	4.121	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.400%	
41) Toluene-d8	7.246	98	78033	3.853	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	7.561	79	6973	2.998	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	60.000%	
46) 2-Hexanone-d5	8.027	63	34668	41.752	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.500%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	16741	4.483	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	89.600%	
66) 1,2-Dichlorobenzene-d4	11.561	152	27645	4.304	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.000%	
Target Compounds						
8) Chloroethane	1.391	64	542	0.104	ug/L #	53
17) Methyl tert-butyl Ether	2.706	73	33766	2.930	ug/L	97
18) trans-1,2-Dichloroethene	2.700	96	3820	0.669	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	27463	4.237	ug/L	97
35) Methylcyclohexane	5.992	83	6835	0.683	ug/L #	18
37) 1,2-Dichloropropane	5.986	63	3280	0.615	ug/L #	87
61) 1,2,3-Trichloropropane	11.188	75	4097	1.687	ug/L #	61

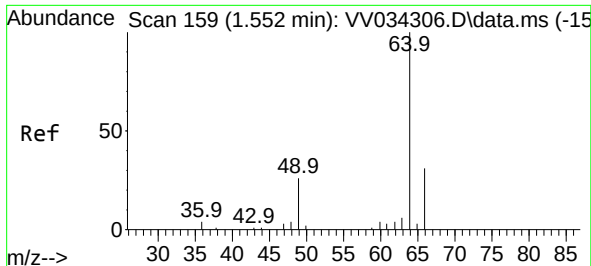
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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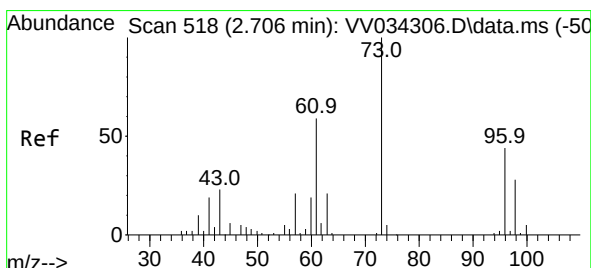
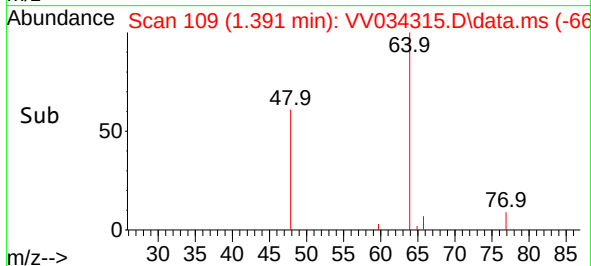
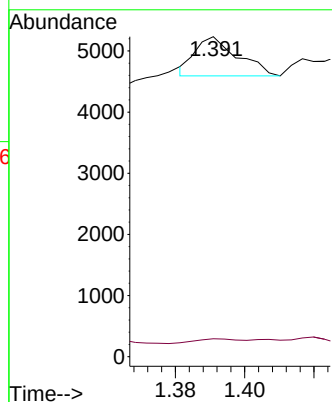
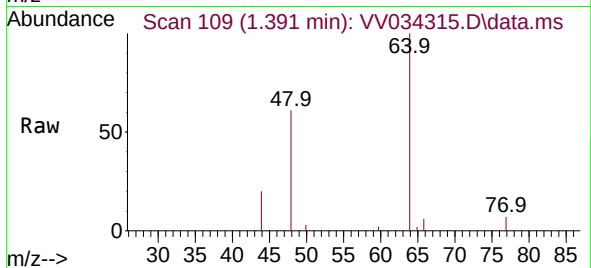




#8
Chloroethane
Concen: 0.104 ug/L
RT: 1.391 min Scan# 109
Delta R.T. -0.161 min
Lab File: VV034315.D
Acq: 21 Feb 2024 13:29

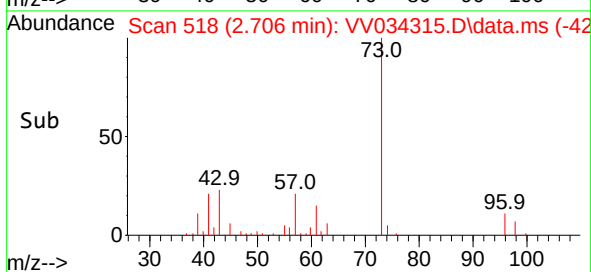
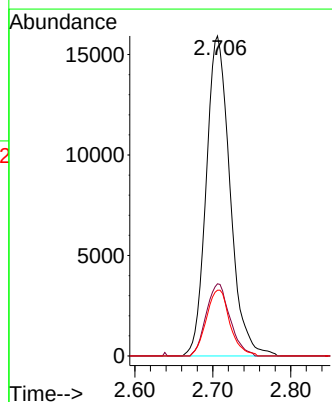
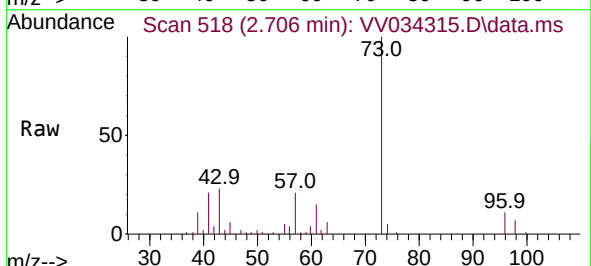
Instrument :
MSVOA_V
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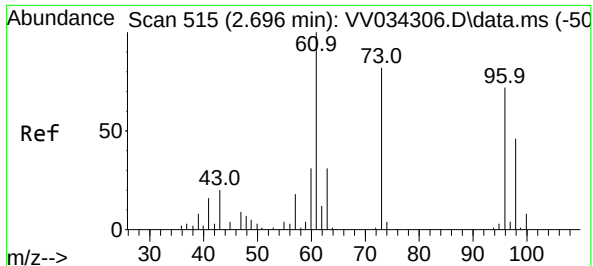
Tgt Ion: 64 Resp: 542
Ion Ratio Lower Upper
64 100
66 5.6 22.0 41.0#



#17
Methyl tert-butyl Ether
Concen: 2.930 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034315.D
Acq: 21 Feb 2024 13:29

Tgt Ion: 73 Resp: 33766
Ion Ratio Lower Upper
73 100
43 22.5 17.7 26.5
57 20.4 17.9 26.9

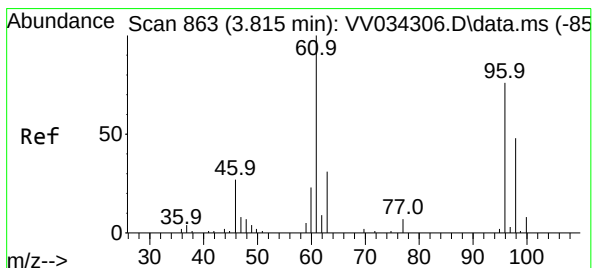
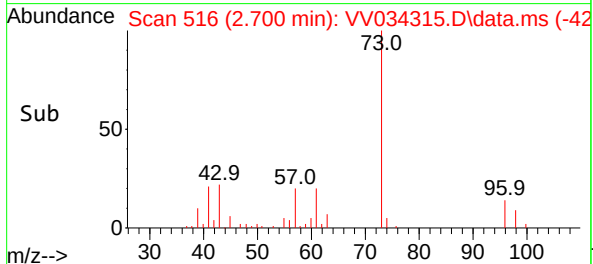
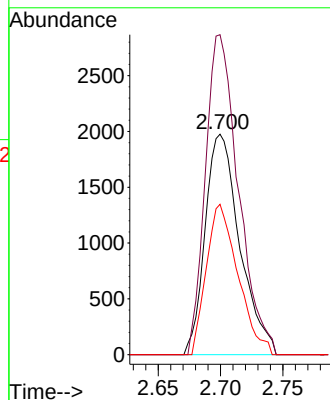
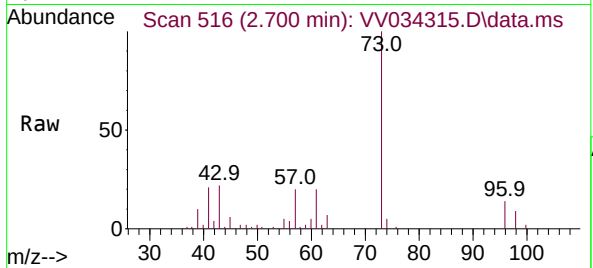




#18
trans-1,2-Dichloroethene
Concen: 0.669 ug/L
RT: 2.700 min Scan# 515
Delta R.T. 0.003 min
Lab File: VV034315.D
Acq: 21 Feb 2024 13:29

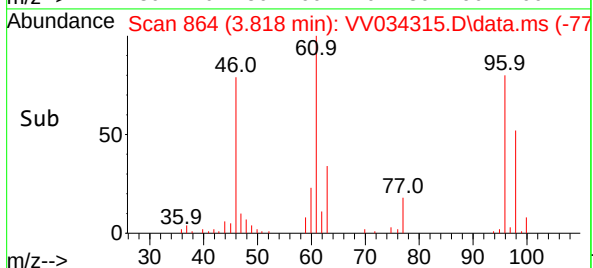
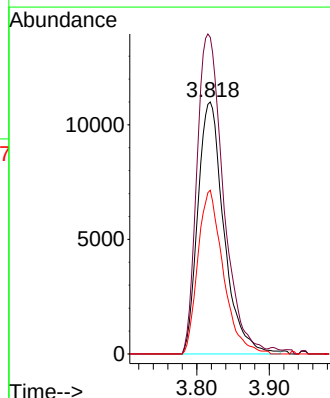
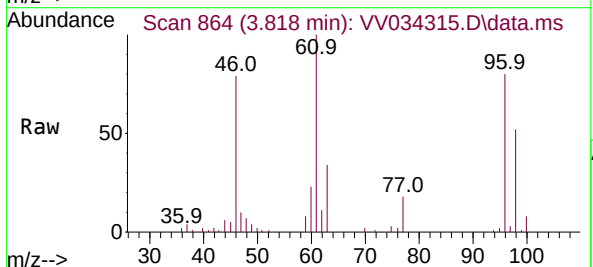
Instrument :
MSVOA_V
ClientSampleId :

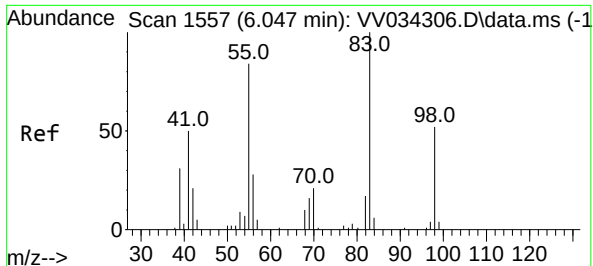
Tgt Ion: 96 Resp: 3820
Ion Ratio Lower Upper
96 100
61 145.2 97.6 181.4
98 68.2 44.4 82.5



#22
cis-1,2-Dichloroethene
Concen: 4.237 ug/L
RT: 3.818 min Scan# 864
Delta R.T. 0.003 min
Lab File: VV034315.D
Acq: 21 Feb 2024 13:29

Tgt Ion: 96 Resp: 27463
Ion Ratio Lower Upper
96 100
61 125.6 90.3 167.7
98 64.9 43.2 80.2

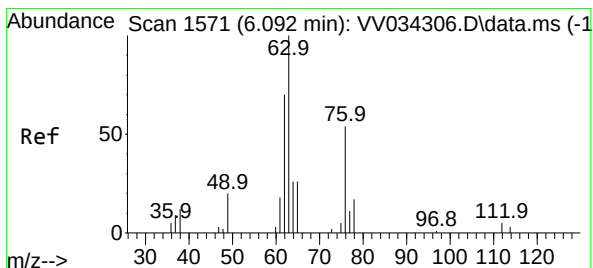
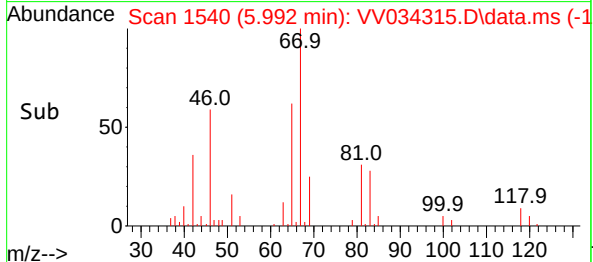
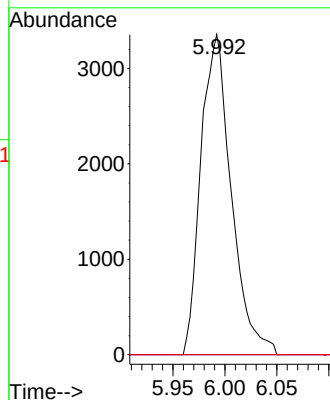
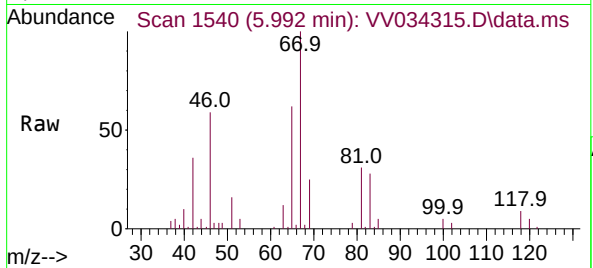




#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 5.992 min Scan# 1537
Delta R.T. -0.055 min
Lab File: VV034315.D
Acq: 21 Feb 2024 13:29

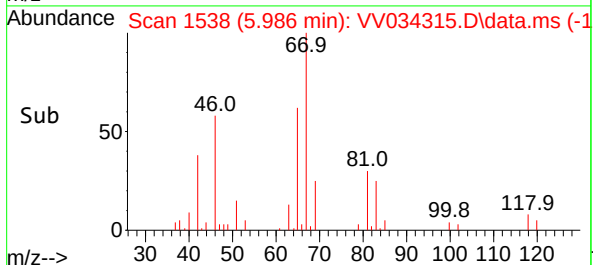
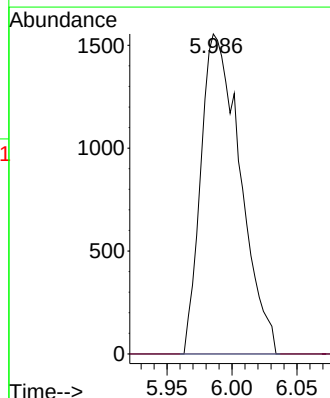
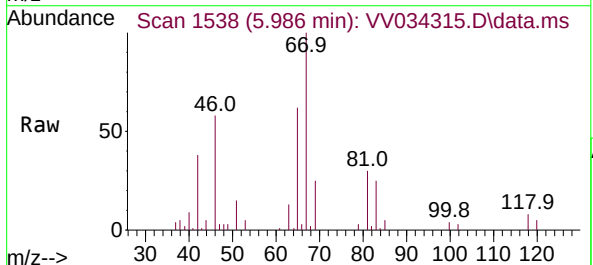
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MSVOA_V
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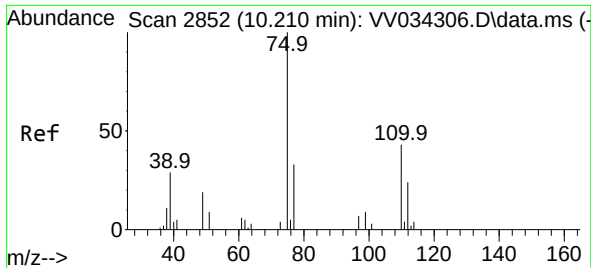
Tgt Ion: 83 Resp: 6835
Ion Ratio Lower Upper
83 100
55 1.5 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.106 min
Lab File: VV034315.D
Acq: 21 Feb 2024 13:29

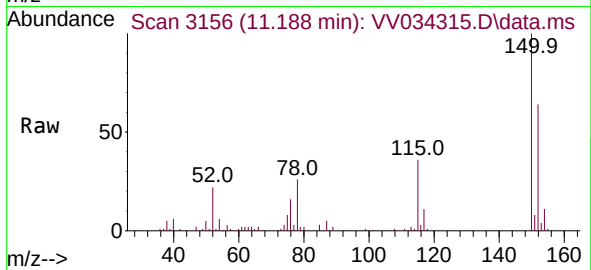
Tgt Ion: 63 Resp: 3280
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.687 ug/L
 RT: 11.188 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV034315.D
 Acq: 21 Feb 2024 13:29

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 4097
 Ion Ratio Lower Upper
 75 100
 77 37.6 26.9 40.3
 110 1.1 33.3 49.9#

