

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022124\
 Data File : VV034319.D
 Acq On : 21 Feb 2024 15:07
 Operator : SY/MD
 Sample : P1503-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 00:22:19 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)

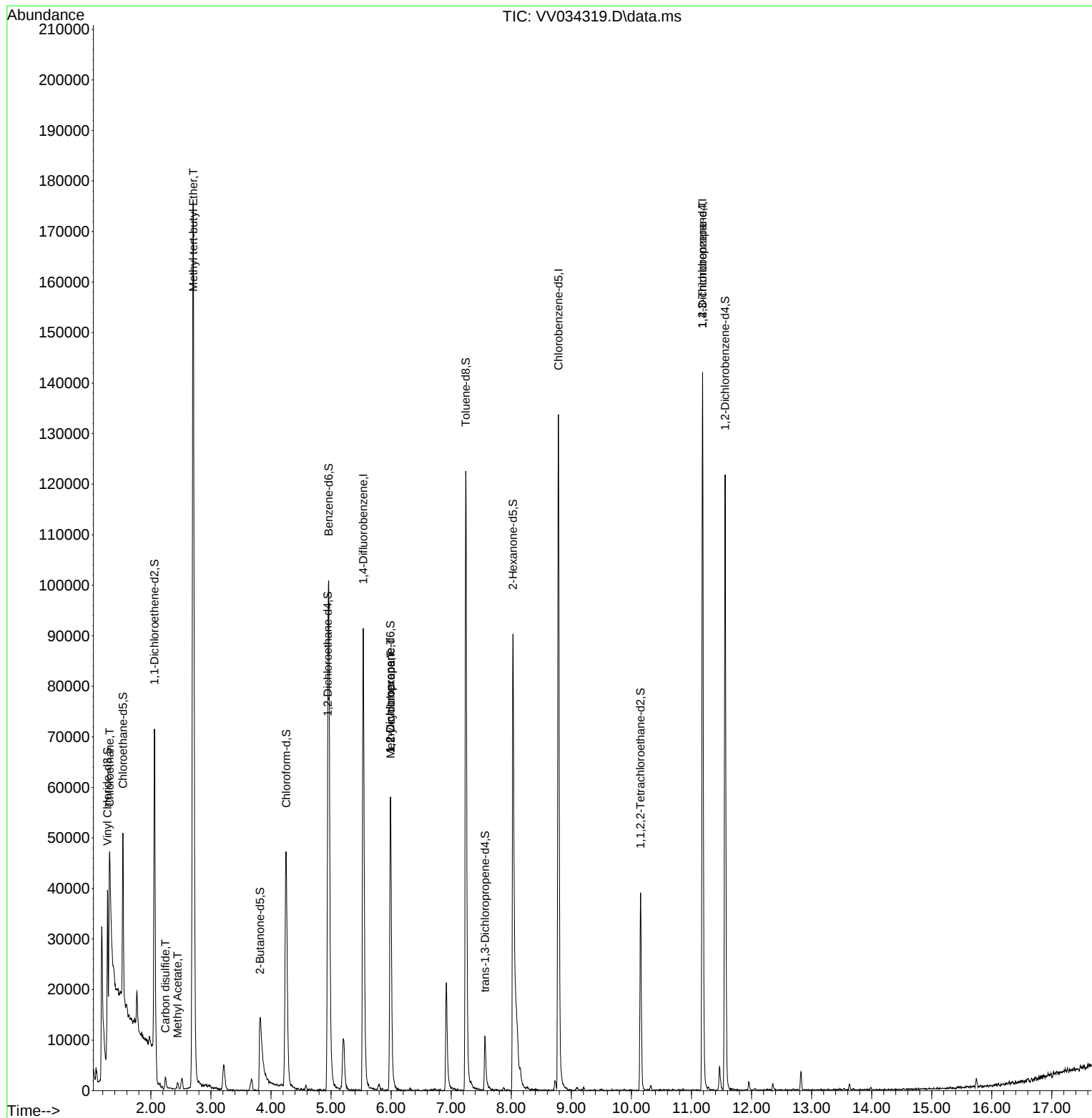
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	80394	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	73927	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36452	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	21944	3.524	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.536	69	20368	3.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.060	65	10691	3.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.818	46	30171	28.853	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	57.700%
24) Chloroform-d	4.253	84	49584	4.383	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	4.944	65	24279	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	4.960	84	90837	4.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	5.989	67	27579	4.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.243	98	82268	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.564	79	7177	3.066	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.400%
46) 2-Hexanone-d5	8.027	63	39566	47.343	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.680%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	19243	5.120	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	31305	4.722	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.400%
Target Compounds						
					Qvalue	
8) Chloroethane	1.314	64	104617	19.970	ug/L #	53
14) Carbon disulfide	2.243	76	3843	0.211	ug/L	100
15) Methyl Acetate	2.446	43	339	0.181	ug/L #	53
17) Methyl tert-butyl Ether	2.706	73	180227	15.618	ug/L	98
35) Methylcyclohexane	5.992	83	6882	0.683	ug/L #	18
37) 1,2-Dichloropropane	5.989	63	3712	0.691	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	4263	1.701	ug/L #	61

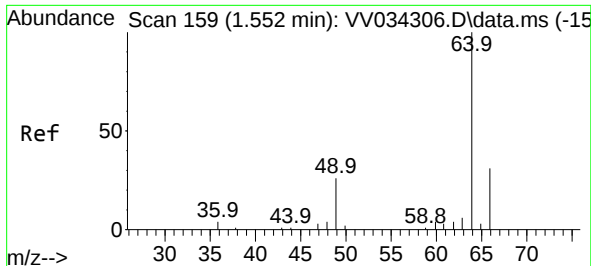
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 19.970 ug/L

RT: 1.314 min Scan# 81

Delta R.T. -0.238 min

Lab File: VV034319.D

Acq: 21 Feb 2024 15:07

Instrument :

MSVOA_V

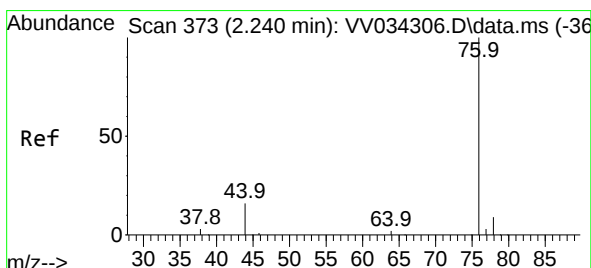
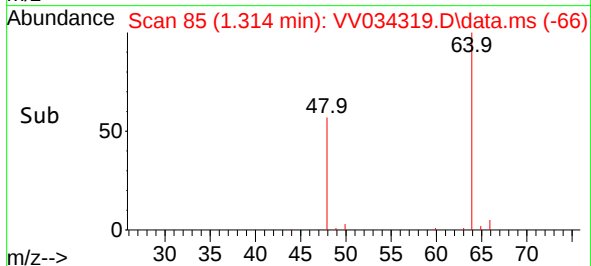
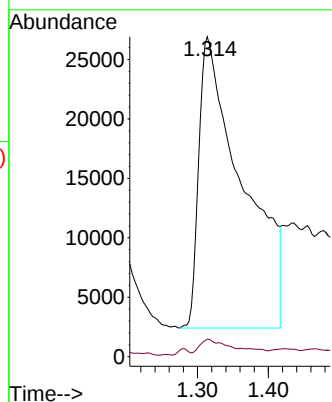
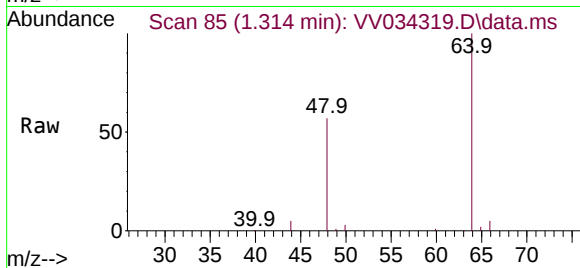
ClientSampleId :

Tgt Ion: 64 Resp: 104617

Ion Ratio Lower Upper

64 100

66 5.4 22.0 41.0#



#14

Carbon disulfide

Concen: 0.211 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034319.D

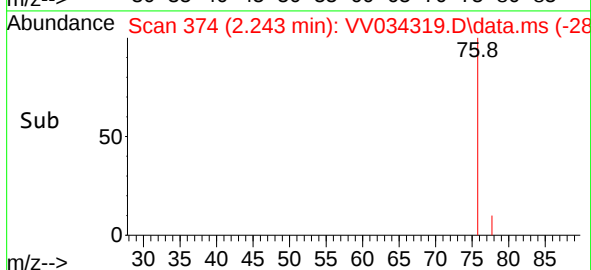
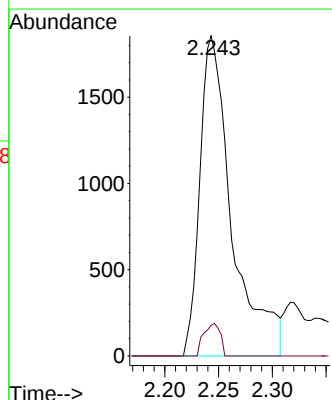
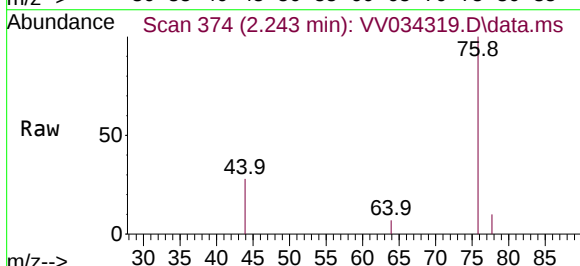
Acq: 21 Feb 2024 15:07

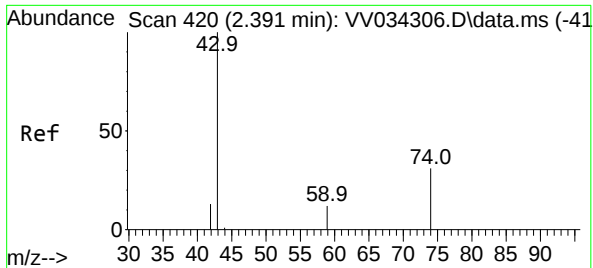
Tgt Ion: 76 Resp: 3843

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

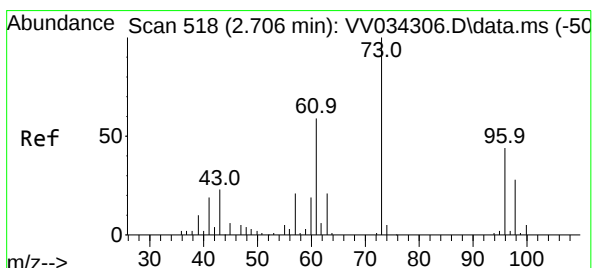
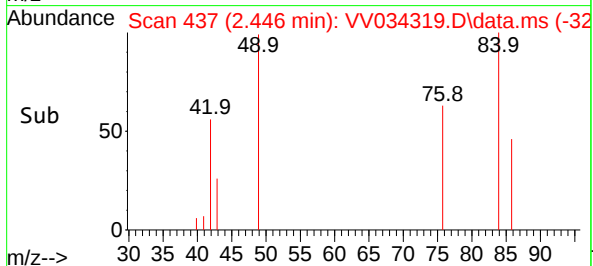
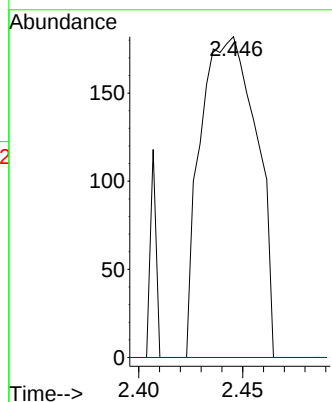
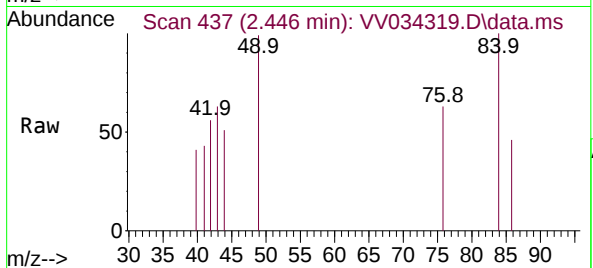




#15
Methyl Acetate
Concen: 0.181 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.055 min
Lab File: VV034319.D
Acq: 21 Feb 2024 15:07

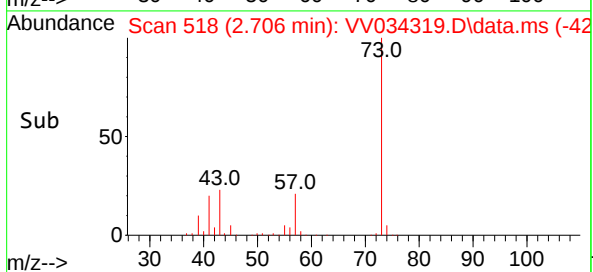
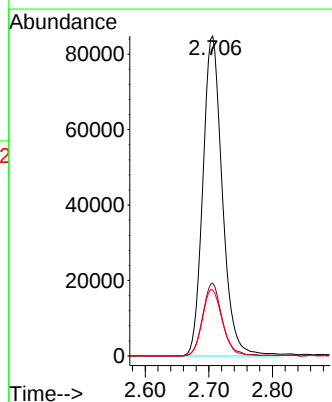
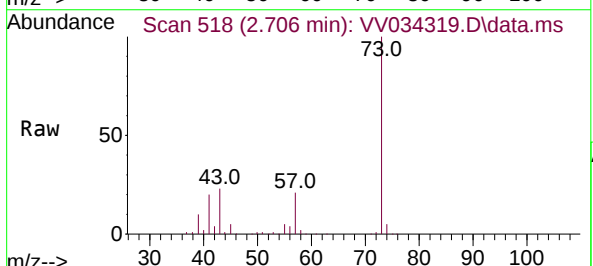
Instrument :
MSVOA_V
ClientSampleId :

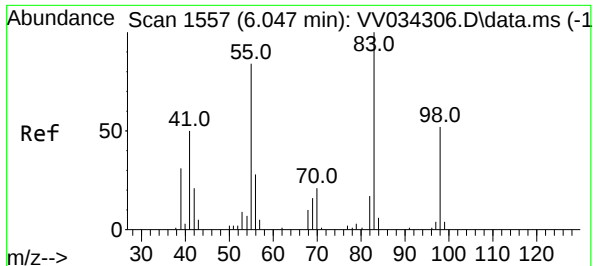
Tgt Ion: 43 Resp: 339
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#17
Methyl tert-butyl Ether
Concen: 15.618 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034319.D
Acq: 21 Feb 2024 15:07

Tgt Ion: 73 Resp: 180227
Ion Ratio Lower Upper
73 100
43 22.7 17.7 26.5
57 21.4 17.9 26.9

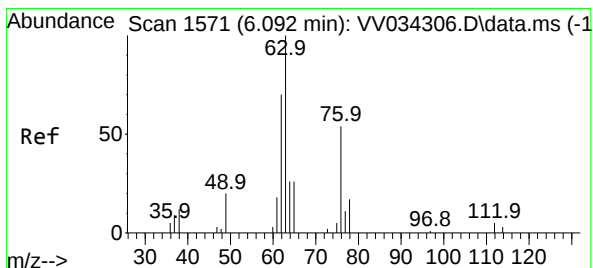
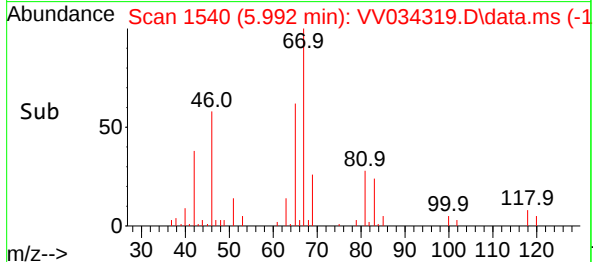
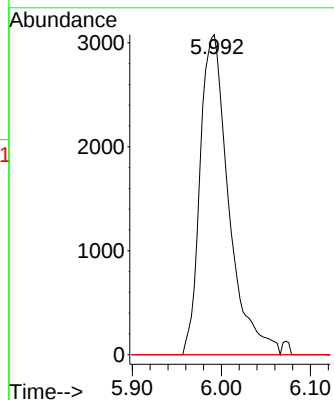
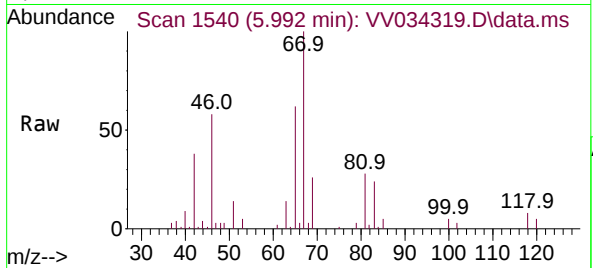




#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 5.992 min Scan# 1539
Delta R.T. -0.055 min
Lab File: VV034319.D
Acq: 21 Feb 2024 15:07

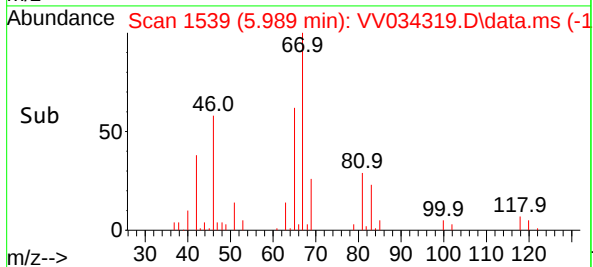
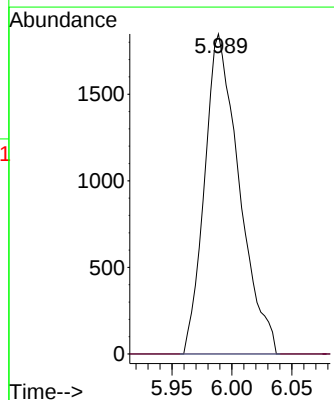
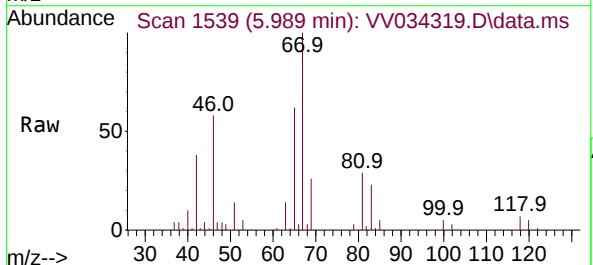
Instrument :
MSVOA_V
ClientSampleId :

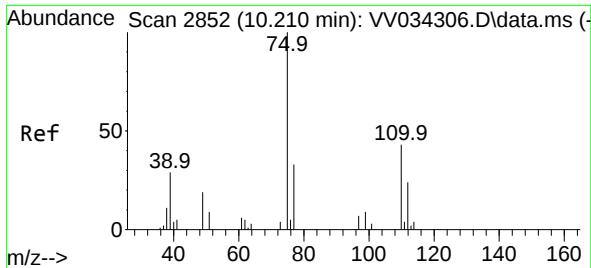
Tgt Ion: 83 Resp: 6882
Ion Ratio Lower Upper
83 100
55 2.1 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.691 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV034319.D
Acq: 21 Feb 2024 15:07

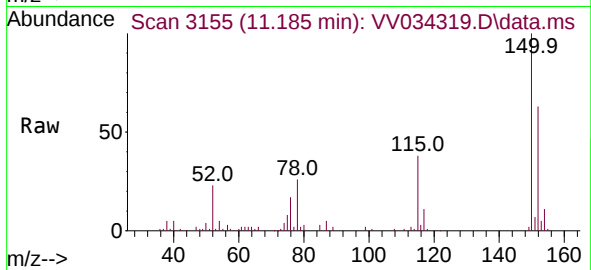
Tgt Ion: 63 Resp: 3712
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.701 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV034319.D
 Acq: 21 Feb 2024 15:07

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 4263
 Ion Ratio Lower Upper
 75 100
 77 37.4 26.9 40.3
 110 0.5 33.3 49.9#

