

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022124\
 Data File : VW034317.D
 Acq On : 21 Feb 2024 14:18
 Operator : SY/MD
 Sample : P1503-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 00:21:52 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)

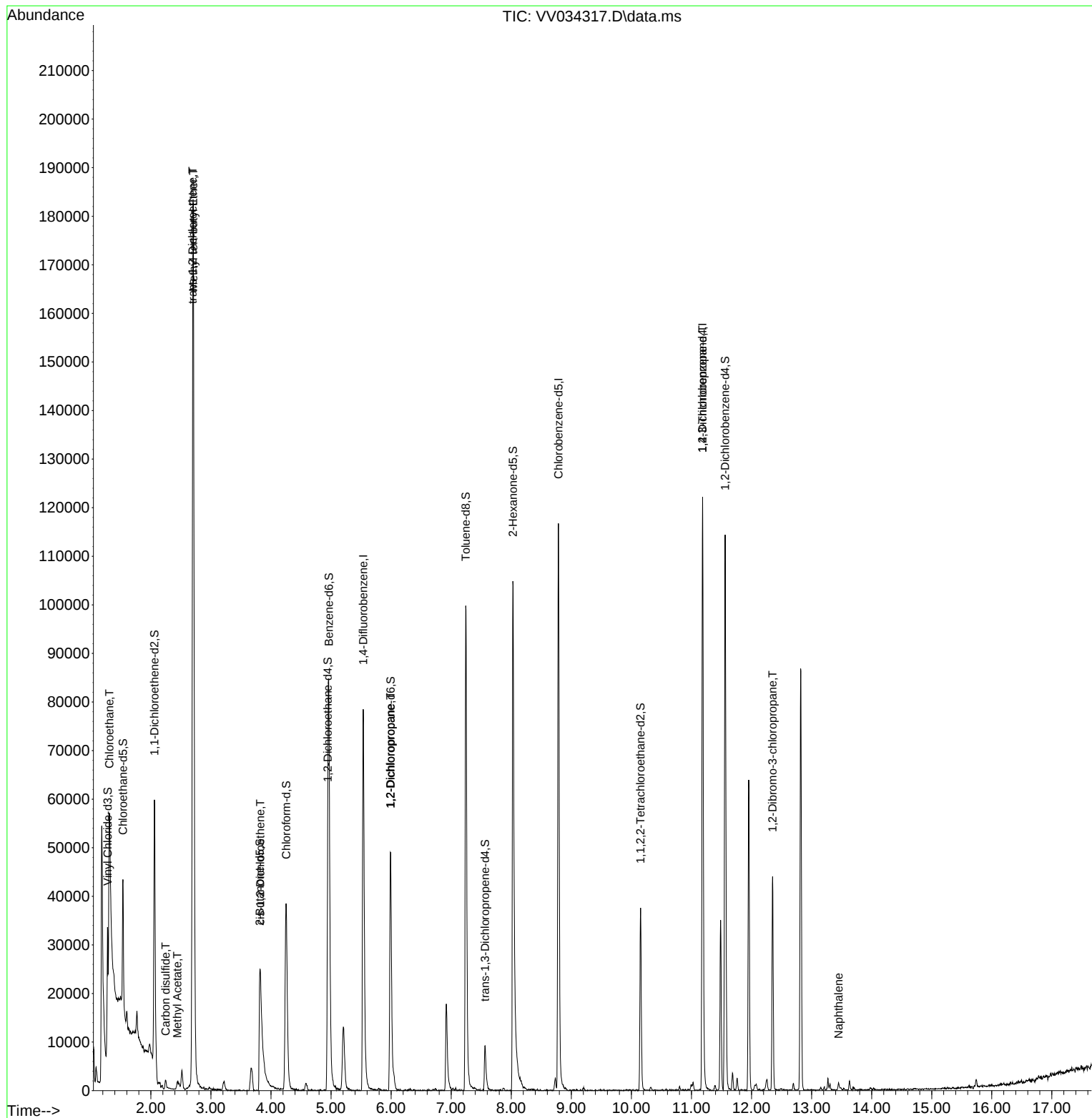
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	68247	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	63130	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	32595	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	18410	3.483	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.600%
7) Chloroethane-d5	1.536	69	16737	3.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.060	65	9330	3.660	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.815	46	49638	55.918	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.840%
24) Chloroform-d	4.253	84	41716	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	4.944	65	23048	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	4.963	84	74559	3.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	5.992	67	22651	4.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.243	98	67981	3.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	7.564	79	6466	3.234	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.600%
46) 2-Hexanone-d5	8.027	63	39443	55.268	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.540%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	17493	5.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	26620	4.491	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
8) Chloroethane	1.311	64	141319	31.777	ug/L #	51
14) Carbon disulfide	2.246	76	2830	0.183	ug/L	98
15) Methyl Acetate	2.439	43	775	0.486	ug/L #	53
17) Methyl tert-butyl Ether	2.706	73	185801	18.967	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	692	0.143	ug/L	92
22) cis-1,2-Dichloroethene	3.822	96	3308	0.600	ug/L	89
37) 1,2-Dichloropropane	5.989	63	2841	0.619	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	3969	1.771	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.352	75	103	0.219	ug/L #	1
71) Naphthalene	13.452	128	1955	0.235	ug/L #	88

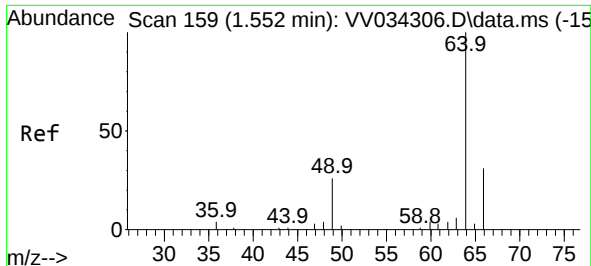
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 22 00:18:57 2024
Response via : Initial Calibration





#8

Chloroethane

Concen: 31.777 ug/L

RT: 1.311 min Scan# 84

Delta R.T. -0.241 min

Lab File: VV034317.D

Acq: 21 Feb 2024 14:18

Instrument :

MSVOA_V

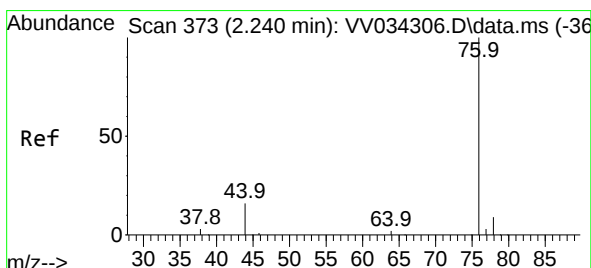
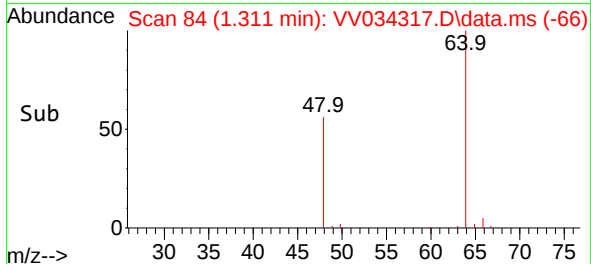
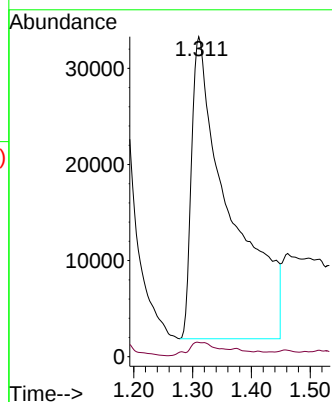
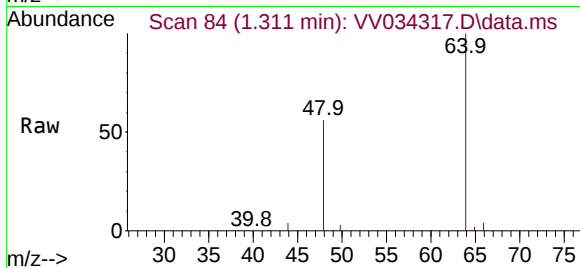
ClientSampleId :

Tgt Ion: 64 Resp: 141319

Ion Ratio Lower Upper

64 100

66 4.5 22.0 41.0#



#14

Carbon disulfide

Concen: 0.183 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.007 min

Lab File: VV034317.D

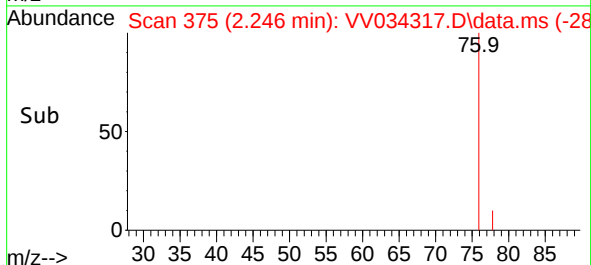
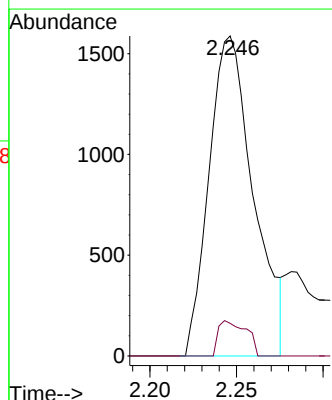
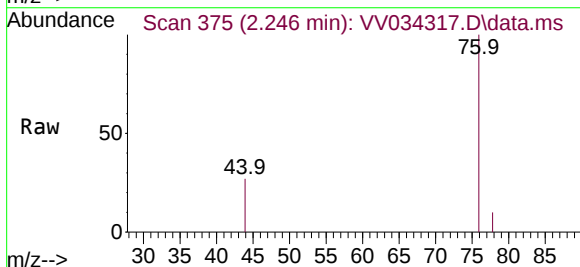
Acq: 21 Feb 2024 14:18

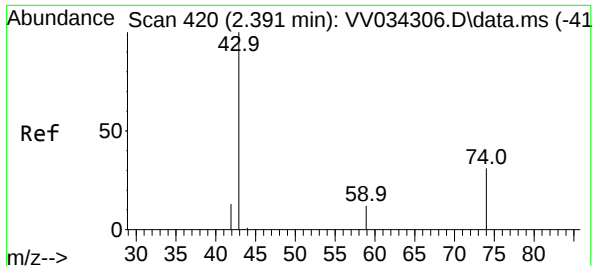
Tgt Ion: 76 Resp: 2830

Ion Ratio Lower Upper

76 100

78 10.2 7.5 11.3

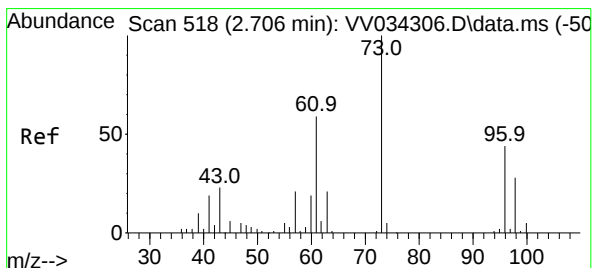
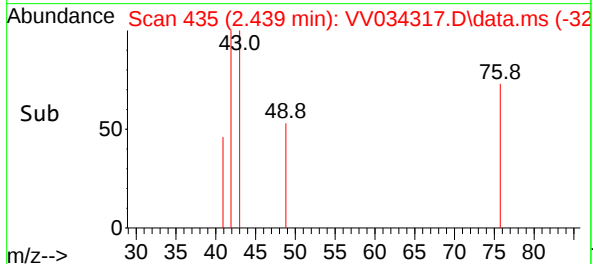
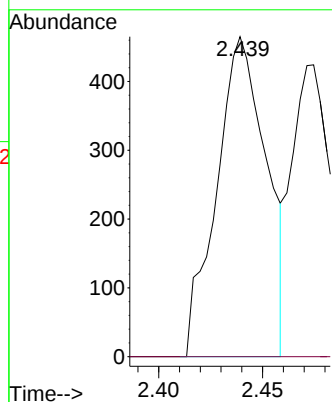
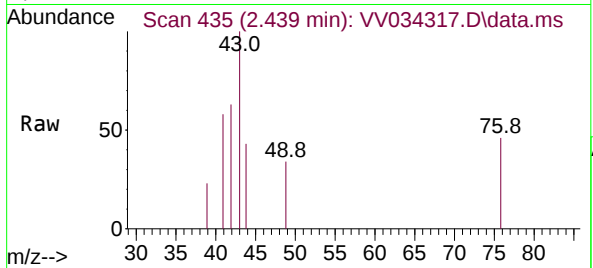




#15
Methyl Acetate
Concen: 0.486 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.048 min
Lab File: VV034317.D
Acq: 21 Feb 2024 14:18

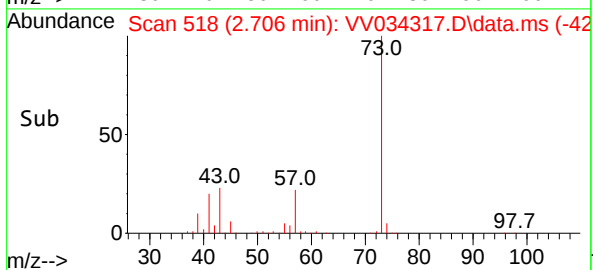
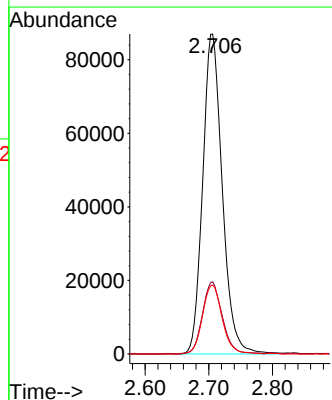
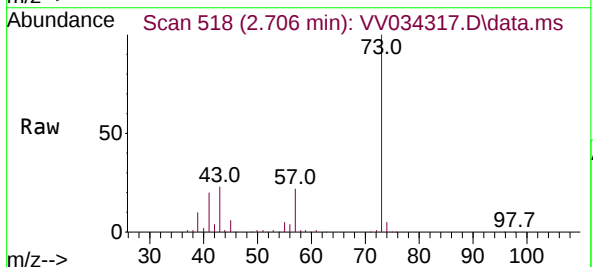
Instrument :
MSVOA_V
ClientSampleId :

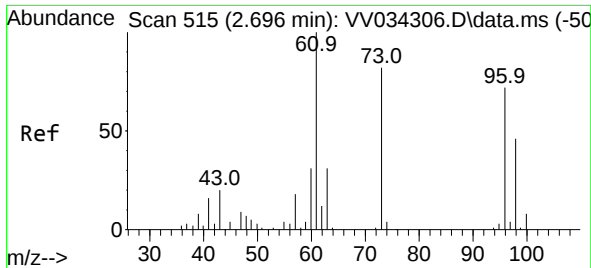
Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#17
Methyl tert-butyl Ether
Concen: 18.967 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034317.D
Acq: 21 Feb 2024 14:18

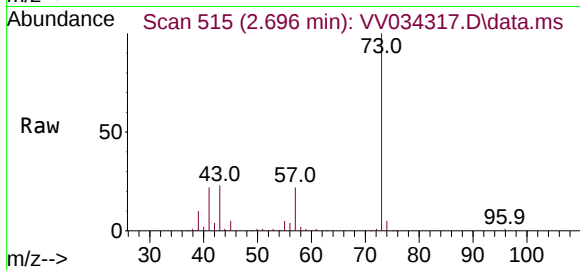
Tgt Ion: 73 Resp: 185801
Ion Ratio Lower Upper
73 100
43 22.8 17.7 26.5
57 21.7 17.9 26.9



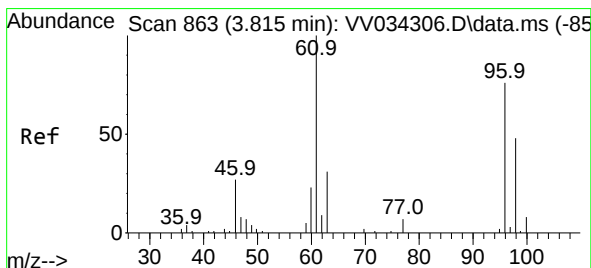
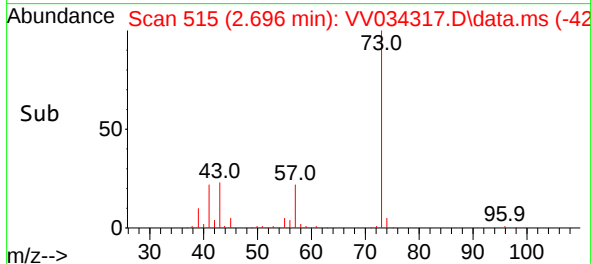
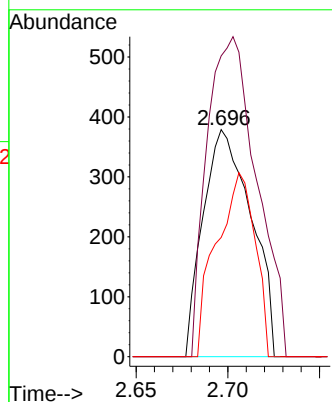


#18
trans-1,2-Dichloroethene
Concen: 0.143 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV034317.D
Acq: 21 Feb 2024 14:18

Instrument :
MSVOA_V
ClientSampleId :

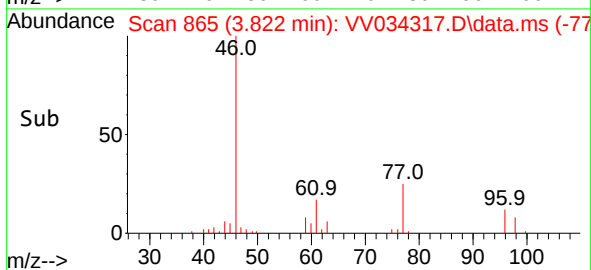
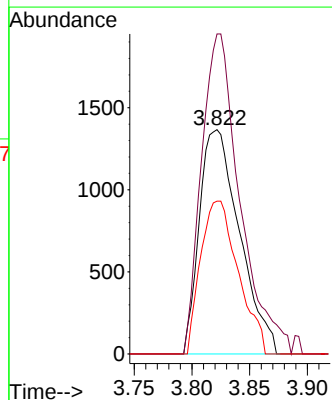
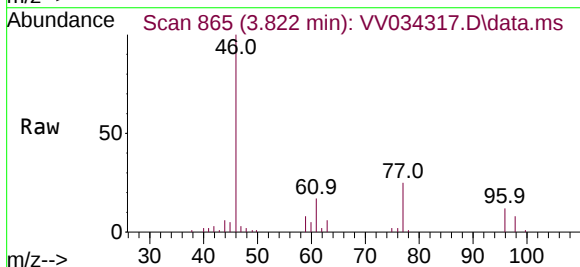


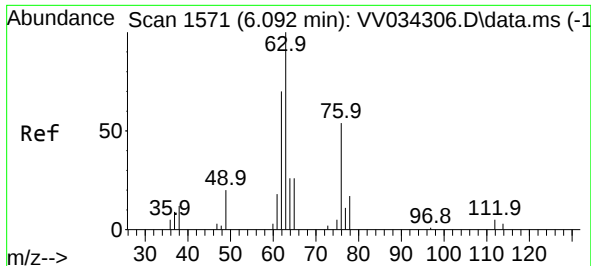
Tgt Ion: 96 Resp: 692
Ion Ratio Lower Upper
96 100
61 132.5 97.6 181.4
98 52.5 44.4 82.5



#22
cis-1,2-Dichloroethene
Concen: 0.600 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.007 min
Lab File: VV034317.D
Acq: 21 Feb 2024 14:18

Tgt Ion: 96 Resp: 3308
Ion Ratio Lower Upper
96 100
61 142.7 90.3 167.7
98 68.2 43.2 80.2





#37

1,2-Dichloropropane

Concen: 0.619 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV034317.D

Acq: 21 Feb 2024 14:18

Instrument :

MSVOA_V

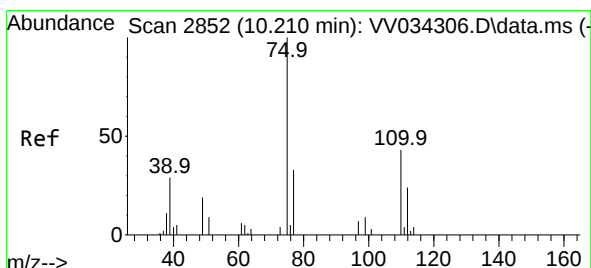
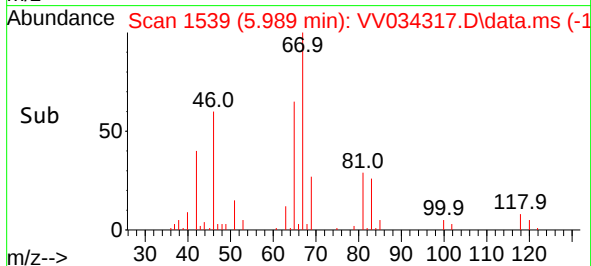
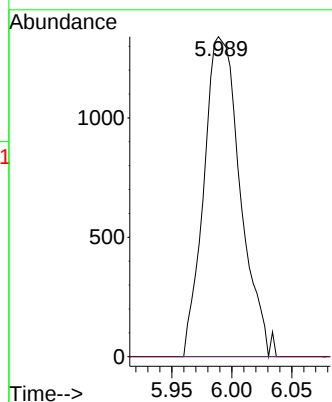
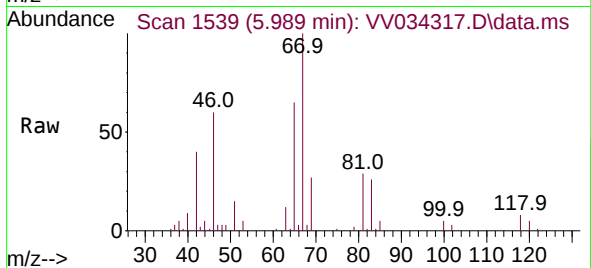
ClientSampleId :

Tgt Ion: 63 Resp: 2841

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#61

1,2,3-Trichloropropane

Concen: 1.771 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034317.D

Acq: 21 Feb 2024 14:18

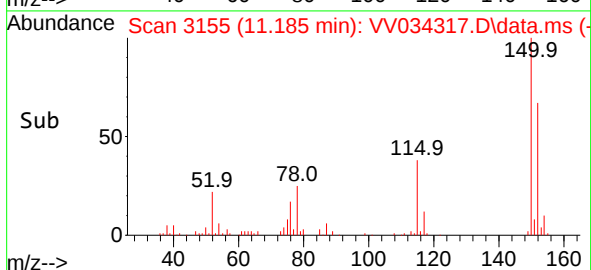
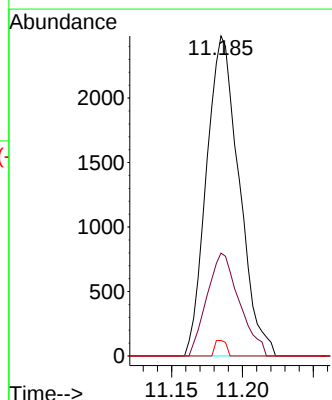
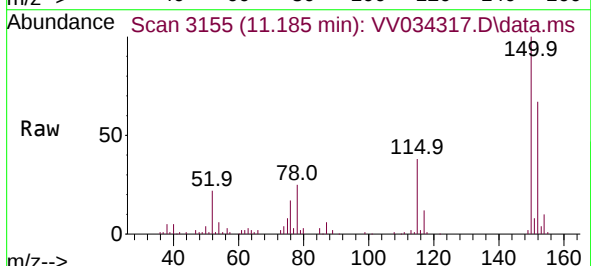
Tgt Ion: 75 Resp: 3969

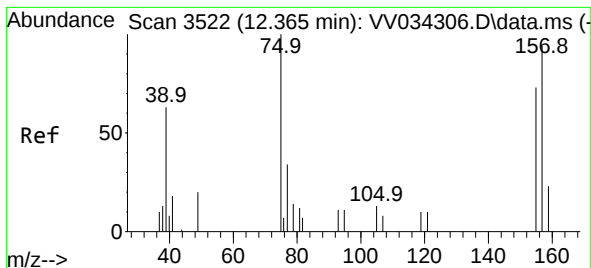
Ion Ratio Lower Upper

75 100

77 31.9 26.9 40.3

110 1.7 33.3 49.9#

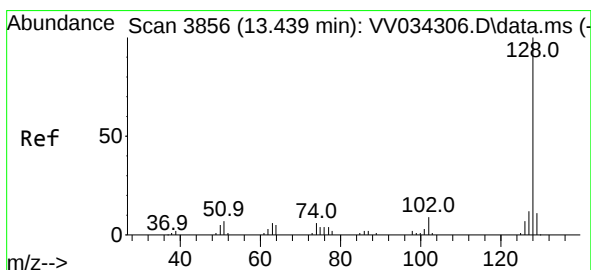
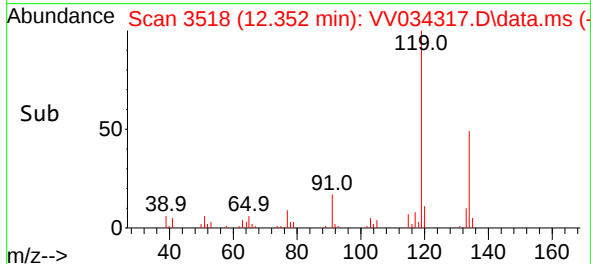
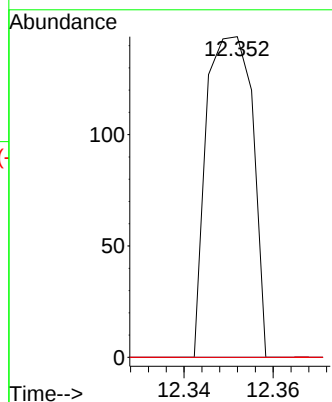
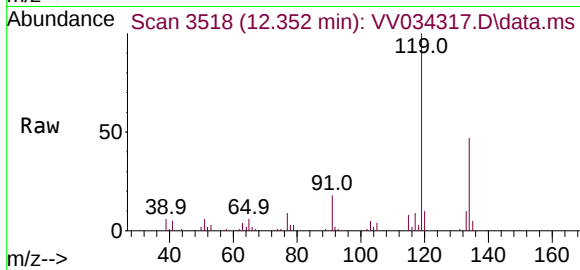




#68
1,2-Dibromo-3-chloropropane
Concen: 0.219 ug/L
RT: 12.352 min Scan# 311
Delta R.T. -0.013 min
Lab File: VV034317.D
Acq: 21 Feb 2024 14:18

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 103
Ion Ratio Lower Upper
75 100
155 0.0 68.9 103.3#
157 0.0 84.6 127.0#



#71
Naphthalene
Concen: 0.235 ug/L
RT: 13.452 min Scan# 3860
Delta R.T. 0.013 min
Lab File: VV034317.D
Acq: 21 Feb 2024 14:18

Tgt Ion: 128 Resp: 1955
Ion Ratio Lower Upper
128 100
129 5.8 8.5 12.7#
127 8.8 10.4 15.6#

