

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022124\
 Data File : VW034308.D
 Acq On : 21 Feb 2024 10:39
 Operator : SY/MD
 Sample : P1511-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 00:19:53 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)

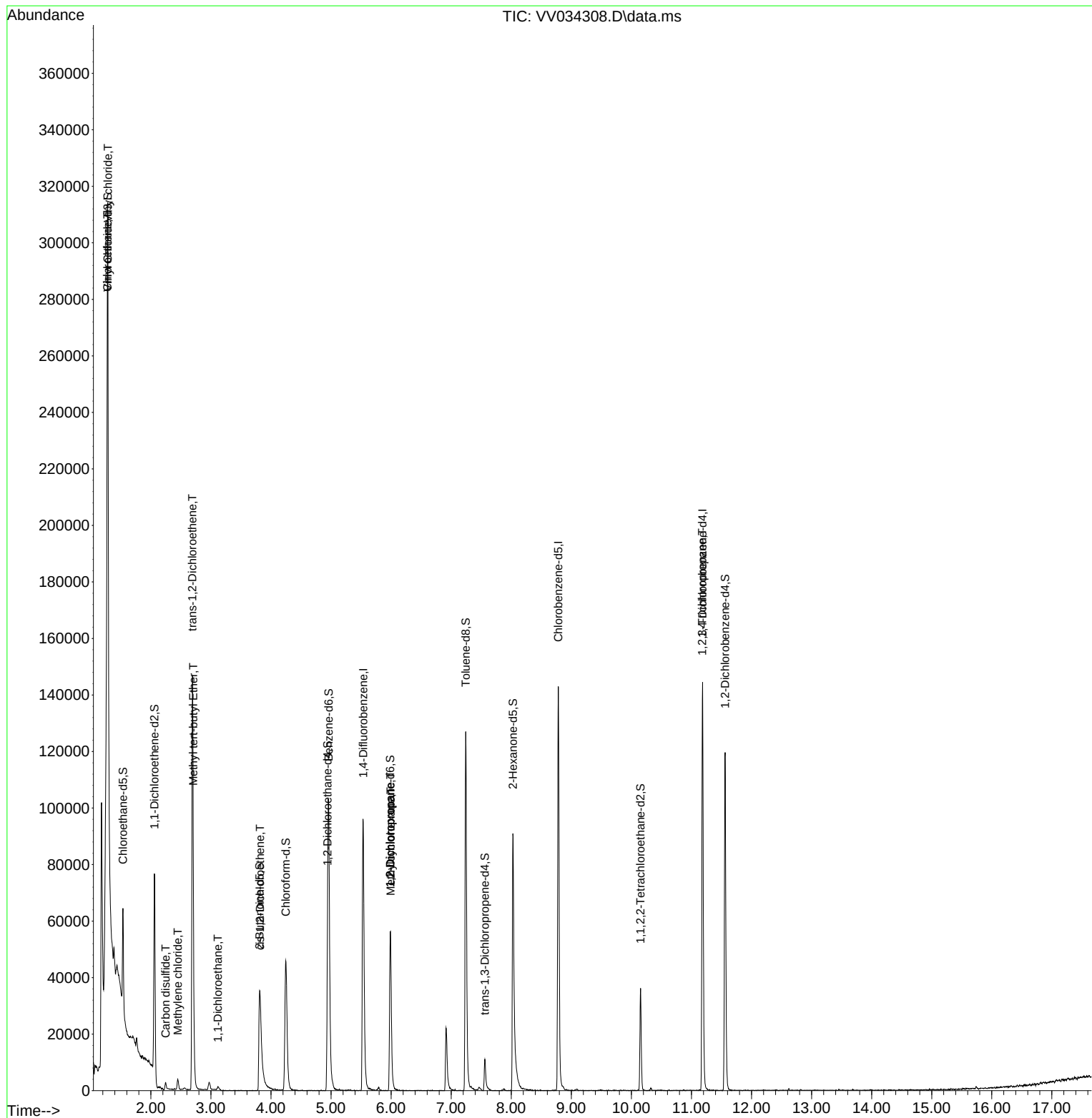
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	85202	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	77468	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37638	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	27436	4.158	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.200%	
7) Chloroethane-d5	1.536	69	21562	3.731	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.600%	
11) 1,1-Dichloroethene-d2	2.060	65	11870	3.730	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.600%	
20) 2-Butanone-d5	3.809	46	43298	39.069	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.140%	
24) Chloroform-d	4.246	84	50148	4.182	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
26) 1,2-Dichloroethane-d4	4.941	65	23857	4.257	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
32) Benzene-d6	4.960	84	92867	3.996	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.000%	
36) 1,2-Dichloropropane-d6	5.986	67	26867	4.135	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.800%	
41) Toluene-d8	7.243	98	85513	4.003	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
43) trans-1,3-Dichloroprop...	7.561	79	7467	3.044	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	60.800%	
46) 2-Hexanone-d5	8.027	63	33584	38.349	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.700%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	16258	4.128	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.600%	
66) 1,2-Dichlorobenzene-d4	11.561	152	29986	4.381	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	19648	2.414	ug/L #	1
8) Chloroethane	1.278	64	291925	52.580	ug/L #	53
14) Carbon disulfide	2.246	76	3844	0.200	ug/L #	92
16) Methylene chloride	2.449	84	1588	0.278	ug/L	82
17) Methyl tert-butyl Ether	2.706	73	3620	0.296	ug/L	98
18) trans-1,2-Dichloroethene	2.693	96	52351	8.635	ug/L	98
19) 1,1-Dichloroethane	3.118	63	1427	0.128	ug/L	93
22) cis-1,2-Dichloroethene	3.818	96	8318	1.209	ug/L	97
35) Methylcyclohexane	5.992	83	6618	0.627	ug/L #	18
37) 1,2-Dichloropropane	5.989	63	3382	0.601	ug/L #	87
61) 1,2,3-Trichloropropane	11.182	75	4526	1.749	ug/L #	61

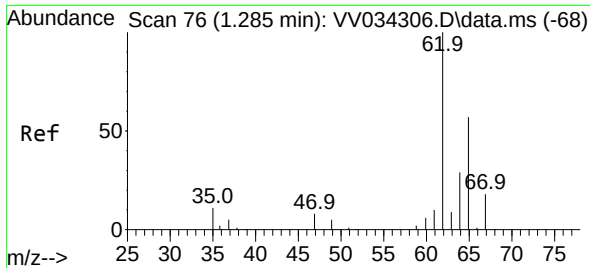
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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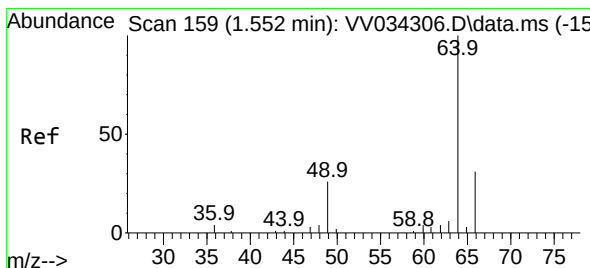
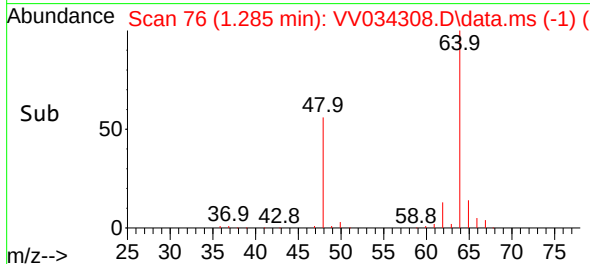
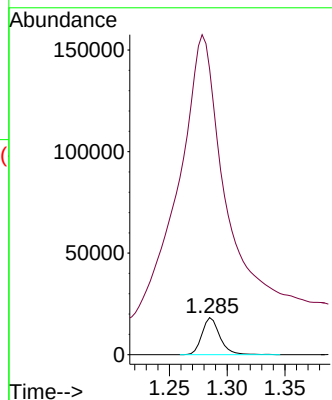
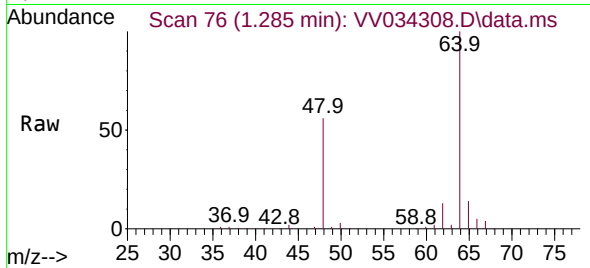




#5
 Vinyl chloride
 Concen: 2.414 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VV034308.D
 Acq: 21 Feb 2024 10:39

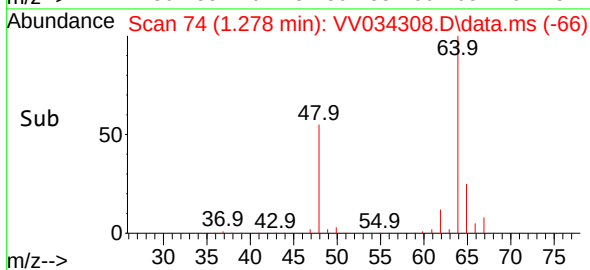
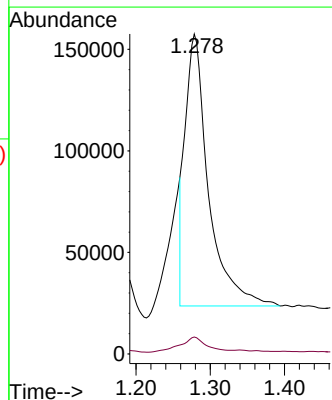
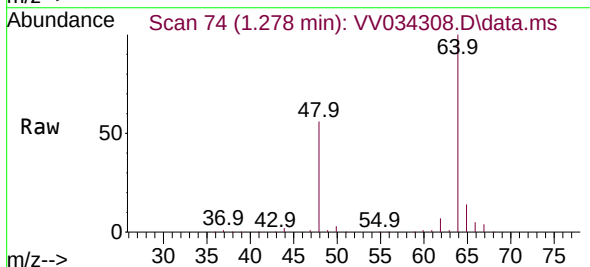
Instrument :
 MSVOA_V
 ClientSampleId :

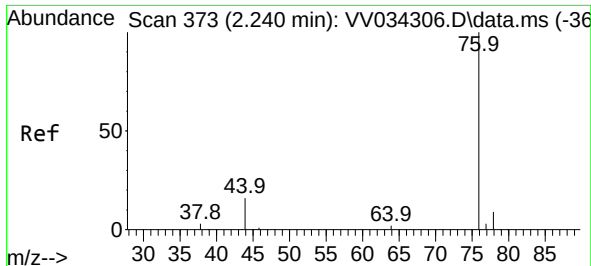
Tgt Ion: 62 Resp: 19648
 Ion Ratio Lower Upper
 62 100
 64 767.2 27.2 50.4#



#8
 Chloroethane
 Concen: 52.580 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. -0.273 min
 Lab File: VV034308.D
 Acq: 21 Feb 2024 10:39

Tgt Ion: 64 Resp: 291925
 Ion Ratio Lower Upper
 64 100
 66 5.3 22.0 41.0#

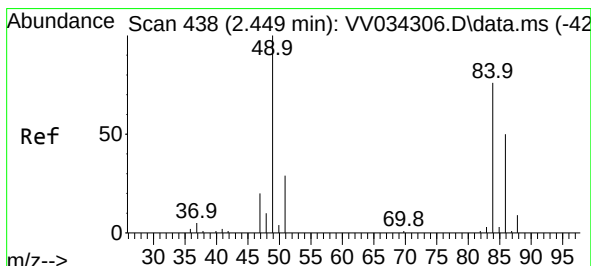
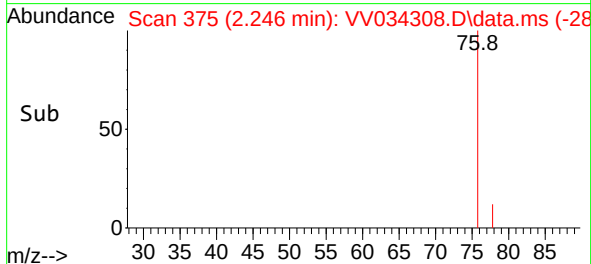
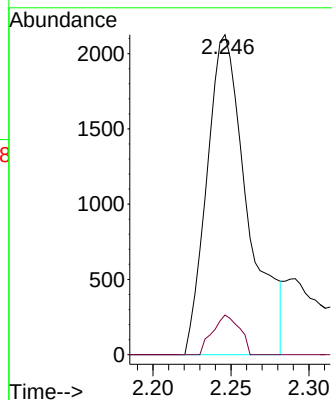
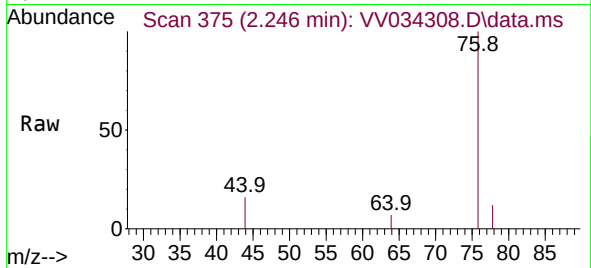




#14
Carbon disulfide
Concen: 0.200 ug/L
RT: 2.246 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV034308.D
Acq: 21 Feb 2024 10:39

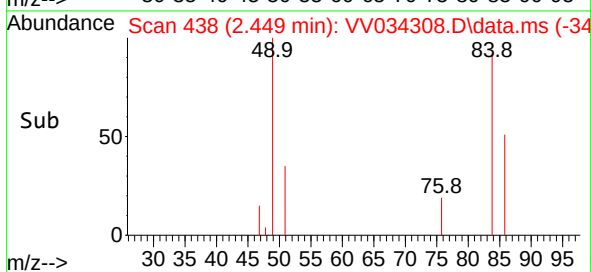
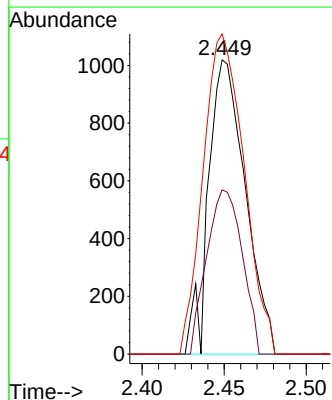
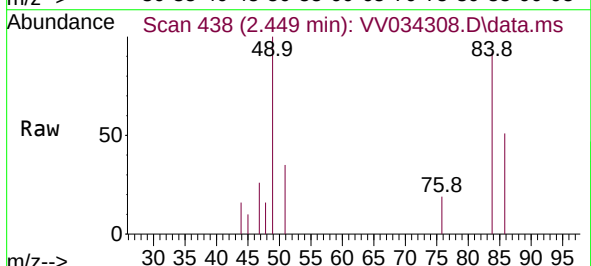
Instrument :
MSVOA_V
ClientSampleId :

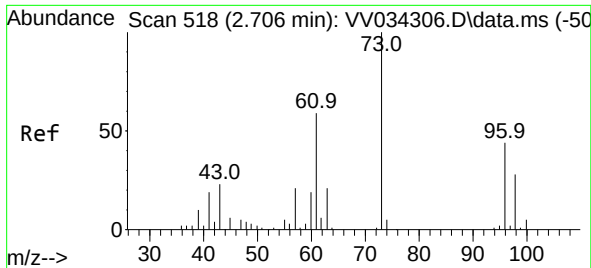
Tgt Ion: 76 Resp: 3844
Ion Ratio Lower Upper
76 100
78 12.4 7.5 11.3#



#16
Methylene chloride
Concen: 0.278 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.000 min
Lab File: VV034308.D
Acq: 21 Feb 2024 10:39

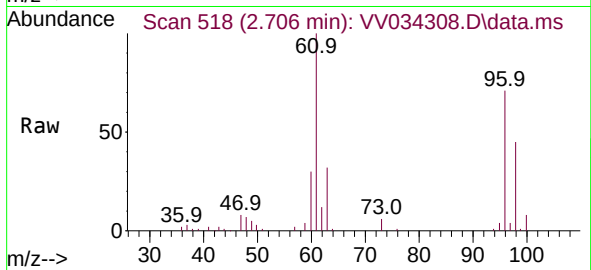
Tgt Ion: 84 Resp: 1588
Ion Ratio Lower Upper
84 100
86 55.8 44.7 83.1
49 108.8 93.7 173.9



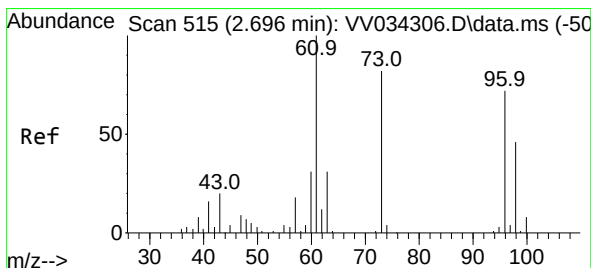
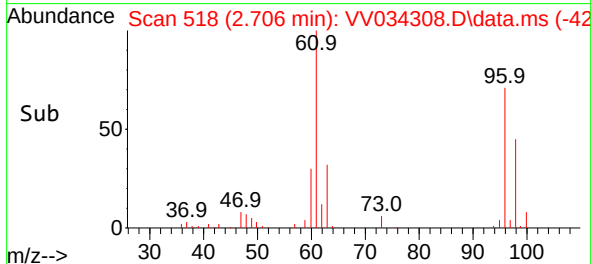
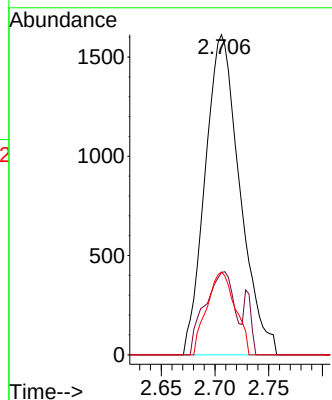


#17
Methyl tert-butyl Ether
Concen: 0.296 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034308.D
Acq: 21 Feb 2024 10:39

Instrument :
MSVOA_V
ClientSampleId :

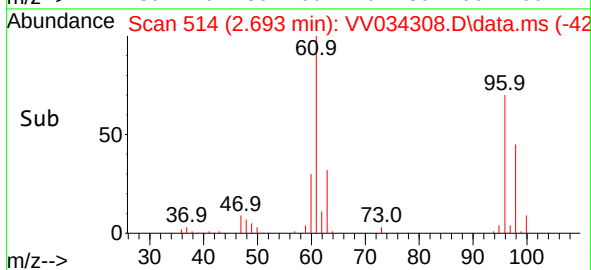
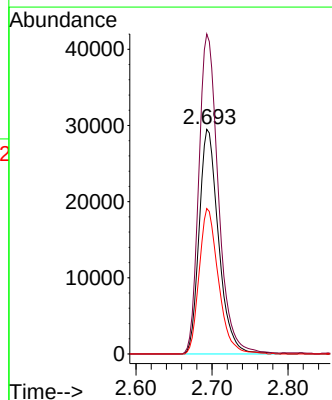
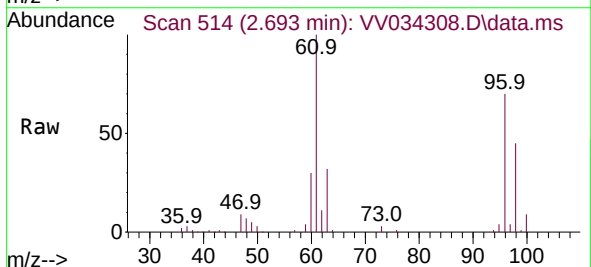


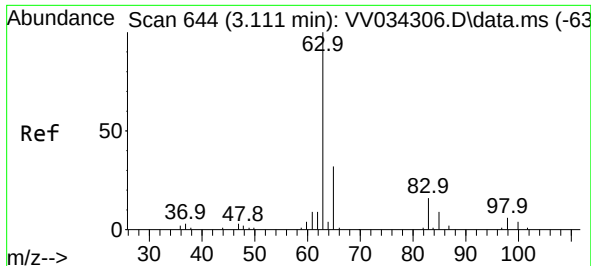
Tgt Ion: 73	Resp: 3620
Ion Ratio	Lower Upper
73 100	
43 22.2	17.7 26.5
57 21.1	17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 8.635 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV034308.D
Acq: 21 Feb 2024 10:39

Tgt Ion: 96	Resp: 52351
Ion Ratio	Lower Upper
96 100	
61 142.4	97.6 181.4
98 64.8	44.4 82.5





#19

1,1-Dichloroethane

Concen: 0.128 ug/L

RT: 3.118 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV034308.D

Acq: 21 Feb 2024 10:39

Instrument :

MSVOA_V

ClientSampleId :

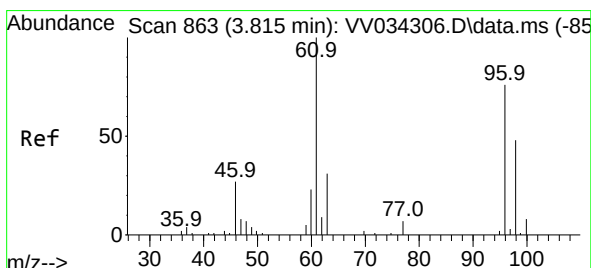
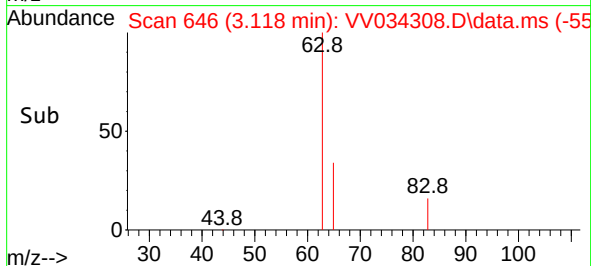
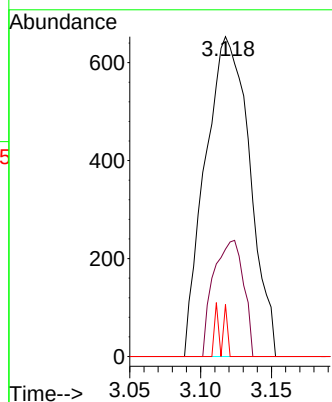
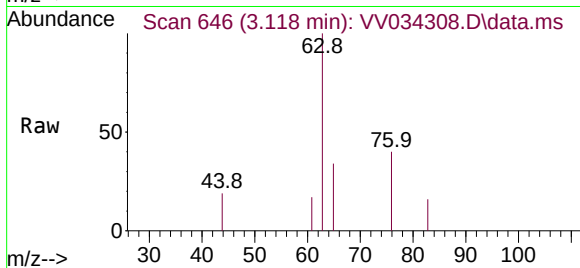
Tgt Ion: 63 Resp: 1427

Ion Ratio Lower Upper

63 100

65 33.5 20.8 38.6

83 16.2 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 1.209 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV034308.D

Acq: 21 Feb 2024 10:39

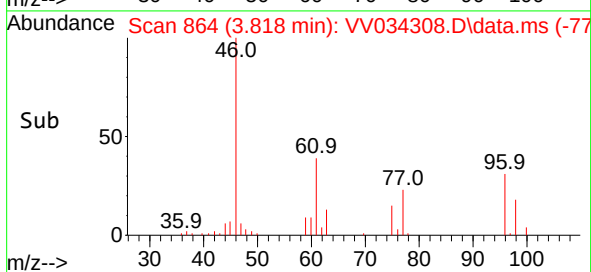
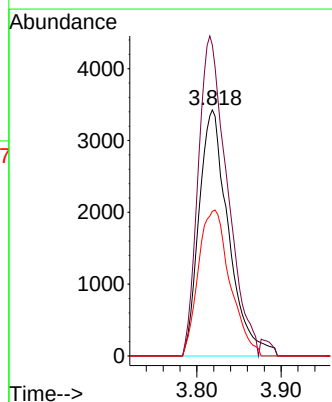
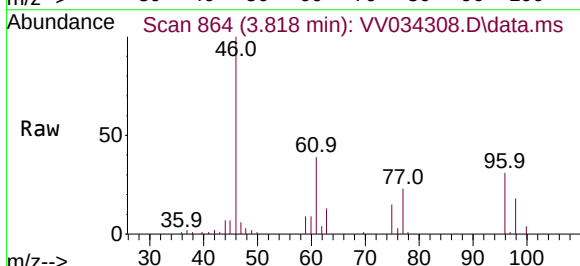
Tgt Ion: 96 Resp: 8318

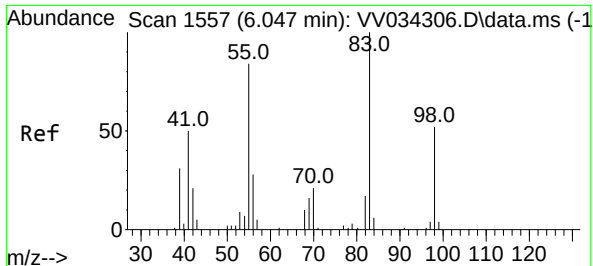
Ion Ratio Lower Upper

96 100

61 126.3 90.3 167.7

98 58.8 43.2 80.2

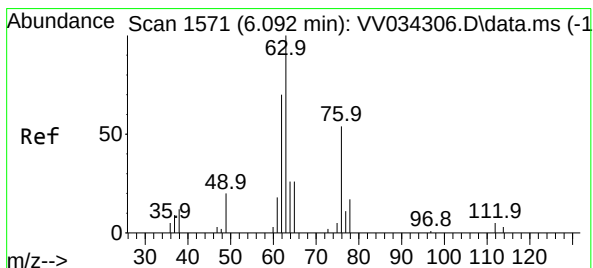
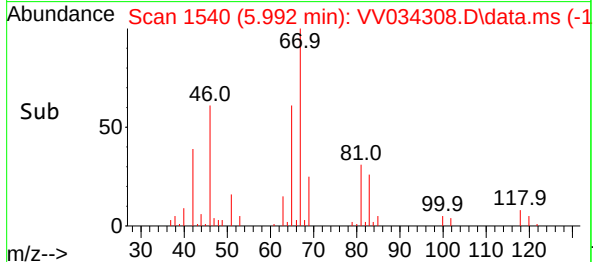
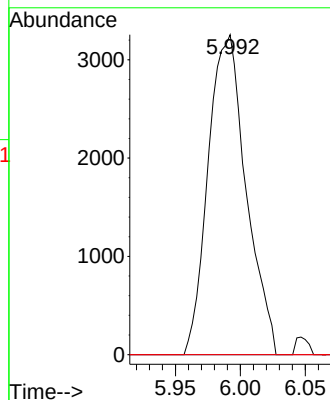
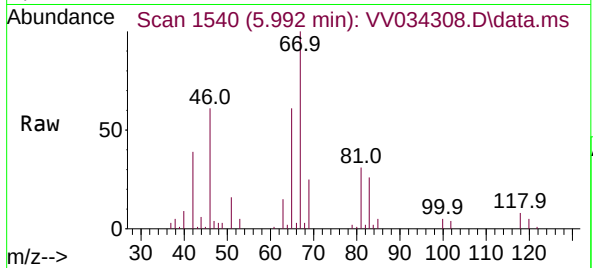




#35
Methylcyclohexane
Concen: 0.627 ug/L
RT: 5.992 min Scan# 1539
Delta R.T. -0.055 min
Lab File: VV034308.D
Acq: 21 Feb 2024 10:39

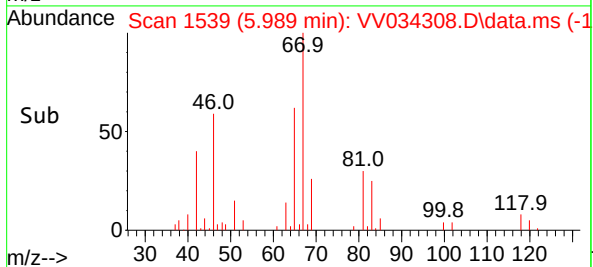
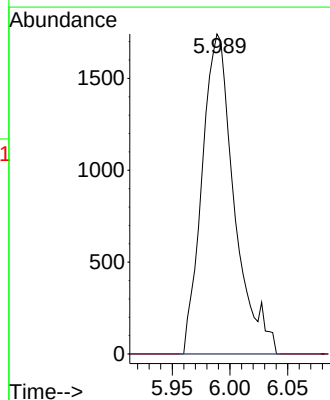
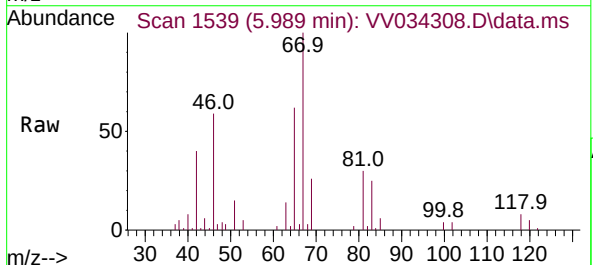
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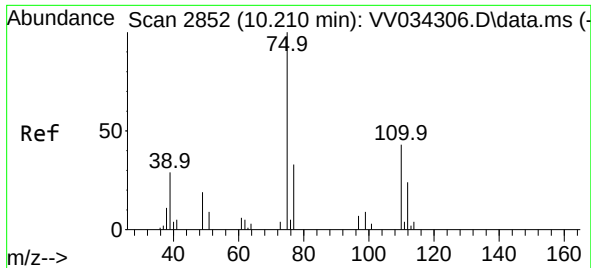
Tgt Ion: 83 Resp: 6618
Ion Ratio Lower Upper
83 100
55 1.2 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.103 min
Lab File: VV034308.D
Acq: 21 Feb 2024 10:39

Tgt Ion: 63 Resp: 3382
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#61

1,2,3-Trichloropropane

Concen: 1.749 ug/L

RT: 11.182 min Scan# 31

Delta R.T. 0.971 min

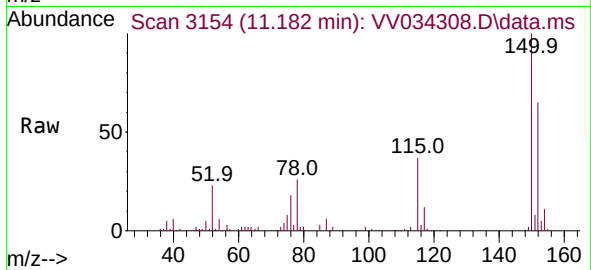
Lab File: VV034308.D

Acq: 21 Feb 2024 10:39

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 4526

Ion Ratio Lower Upper

75 100

77 37.5 26.9 40.3

110 0.4 33.3 49.9#

