

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022224\
 Data File : VW034335.D
 Acq On : 22 Feb 2024 10:23
 Operator : SY/MD
 Sample : P1511-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 23 01:15:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 23 01:14:23 2024
 Response via : Initial Calibration

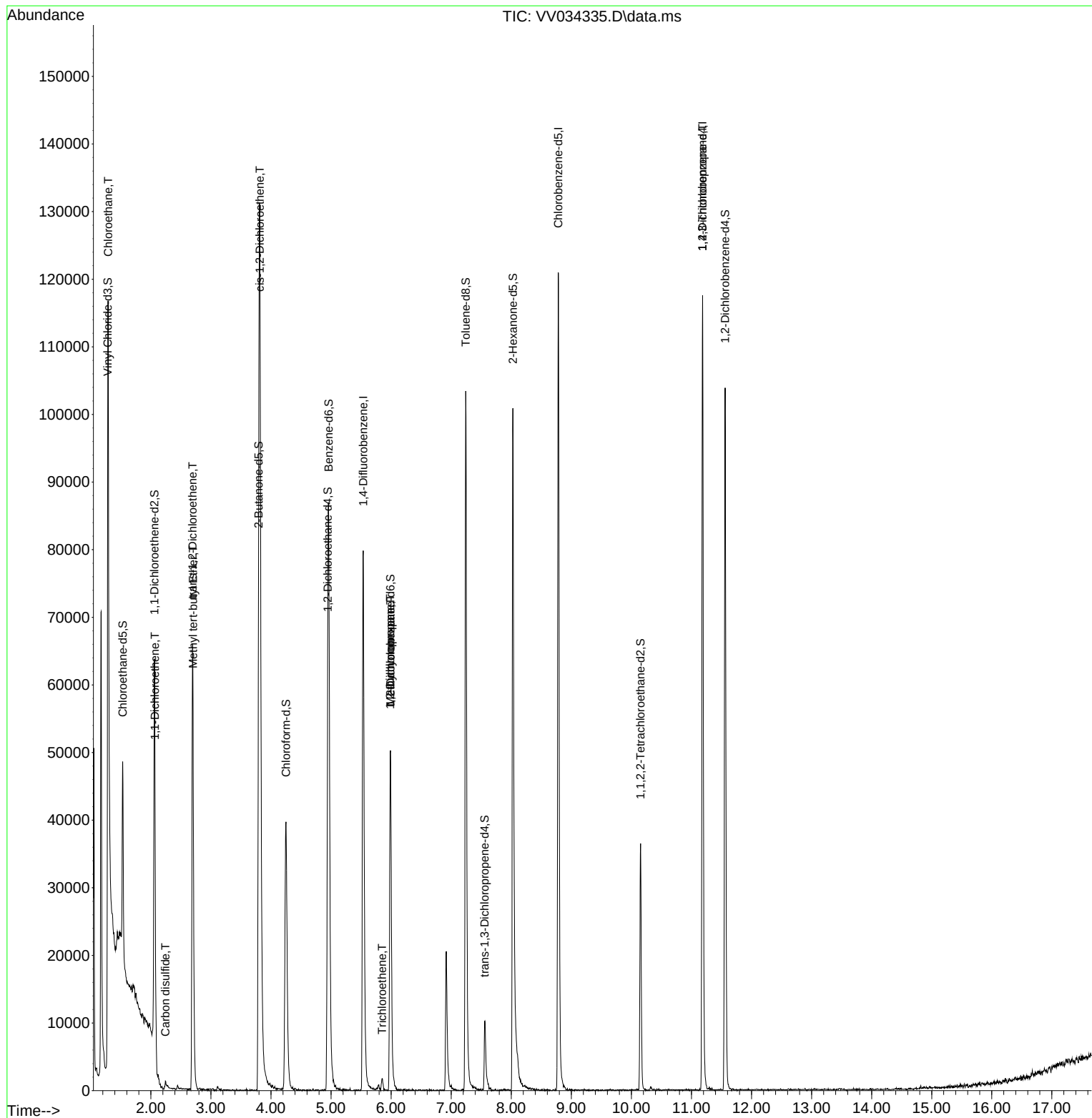
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	70474	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	65488	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	30612	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	19176	3.513	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	70.200%	
7) Chloroethane-d5	1.532	69	17588	3.679	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.600%	
11) 1,1-Dichloroethene-d2	2.060	65	9682	3.678	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.600%	
20) 2-Butanone-d5	3.793	46	45192	49.301	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	98.600%	
24) Chloroform-d	4.249	84	44066	4.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
26) 1,2-Dichloroethane-d4	4.944	65	23278	5.022	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.400%	
32) Benzene-d6	4.960	84	78354	3.988	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.800%	
36) 1,2-Dichloropropane-d6	5.989	67	23872	4.346	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.000%	
41) Toluene-d8	7.243	98	70494	3.904	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.000%	
43) trans-1,3-Dichloroprop...	7.558	79	7647	3.687	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.800%	
46) 2-Hexanone-d5	8.027	63	34838	47.058	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.120%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	16983	5.101	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.000%	
66) 1,2-Dichlorobenzene-d4	11.561	152	26375	4.737	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.800%	
Target Compounds						
					Qvalue	
8) Chloroethane	1.288	64	160430	34.935	ug/L #	52
12) 1,1-Dichloroethene	2.069	96	1079	0.219	ug/L #	1
14) Carbon disulfide	2.243	76	1754	0.110	ug/L #	80
17) Methyl tert-butyl Ether	2.703	73	7076	0.700	ug/L	95
18) trans-1,2-Dichloroethene	2.696	96	22488	4.485	ug/L	98
22) cis-1,2-Dichloroethene	3.812	96	63992	11.248	ug/L	96
34) Trichloroethene	5.850	95	755	0.133	ug/L #	81
35) Methylcyclohexane	5.989	83	5973	0.669	ug/L #	17
37) 1,2-Dichloropropane	5.986	63	3204	0.673	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	3645	1.732	ug/L #	59

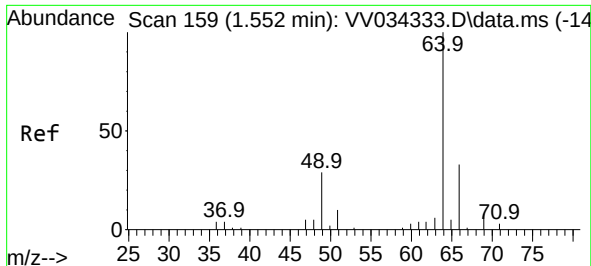
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 23 01:14:23 2024
Response via : Initial Calibration





#8

Chloroethane

Concen: 34.935 ug/L

RT: 1.288 min Scan# 71

Delta R.T. -0.264 min

Lab File: VV034335.D

Acq: 22 Feb 2024 10:23

Instrument :

MSVOA_V

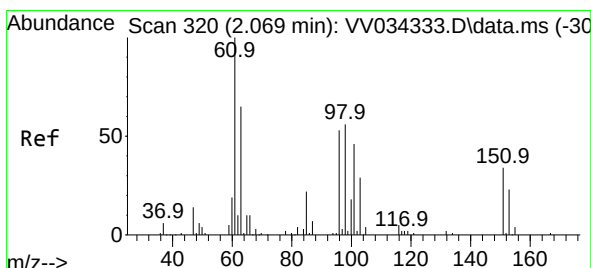
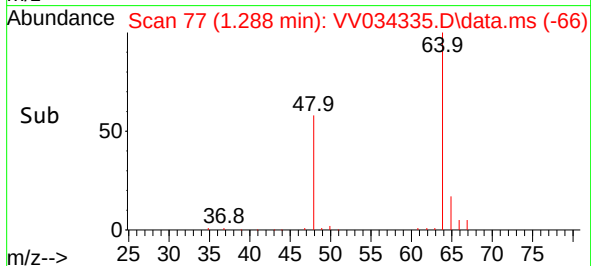
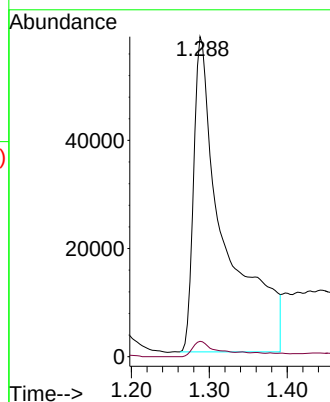
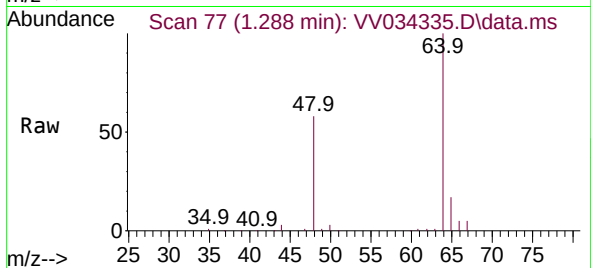
ClientSampleId :

Tgt Ion: 64 Resp: 160430

Ion Ratio Lower Upper

64 100

66 4.8 22.0 41.0#



#12

1,1-Dichloroethene

Concen: 0.219 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV034335.D

Acq: 22 Feb 2024 10:23

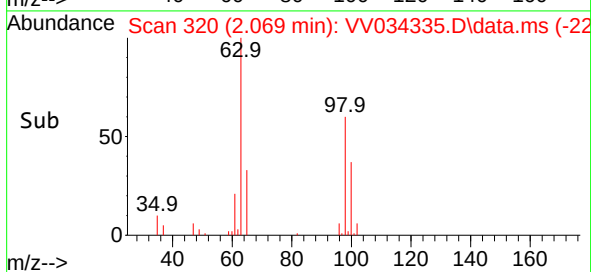
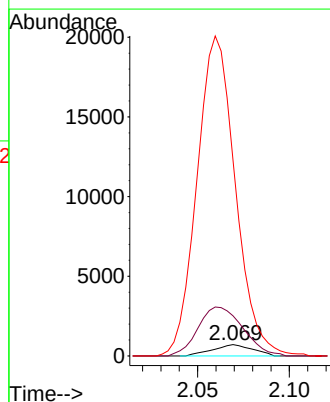
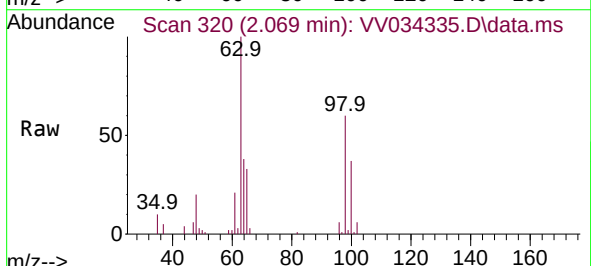
Tgt Ion: 96 Resp: 1079

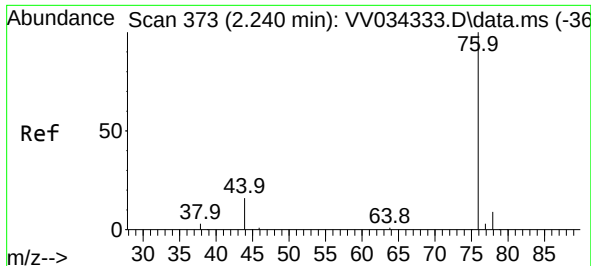
Ion Ratio Lower Upper

96 100

61 354.6 128.8 239.2#

63 1728.3 97.9 181.9#





#14

Carbon disulfide

Concen: 0.110 ug/L

RT: 2.243 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034335.D

Acq: 22 Feb 2024 10:23

Instrument :

MSVOA_V

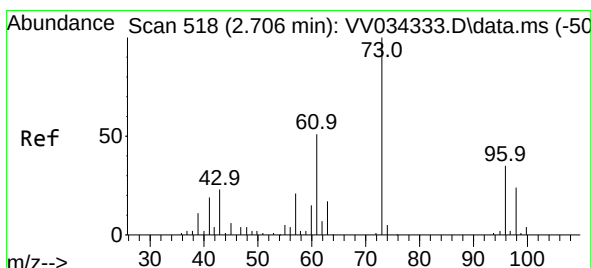
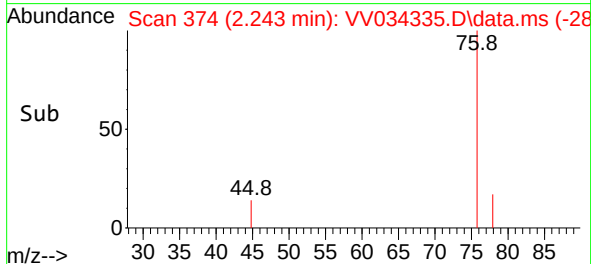
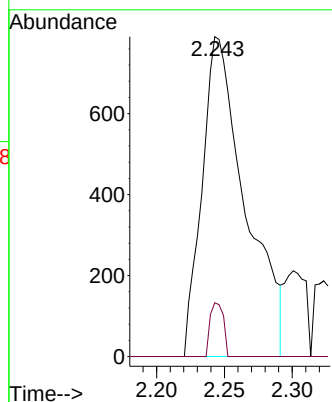
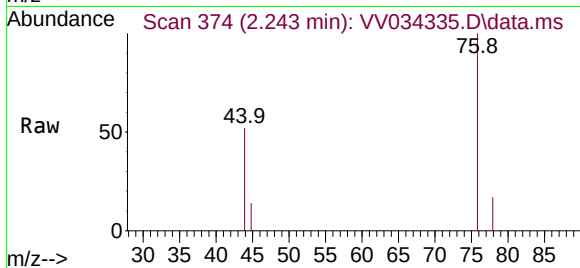
ClientSampleId :

Tgt Ion: 76 Resp: 1754

Ion Ratio Lower Upper

76 100

78 16.8 7.5 11.3#



#17

Methyl tert-butyl Ether

Concen: 0.700 ug/L

RT: 2.703 min Scan# 517

Delta R.T. -0.003 min

Lab File: VV034335.D

Acq: 22 Feb 2024 10:23

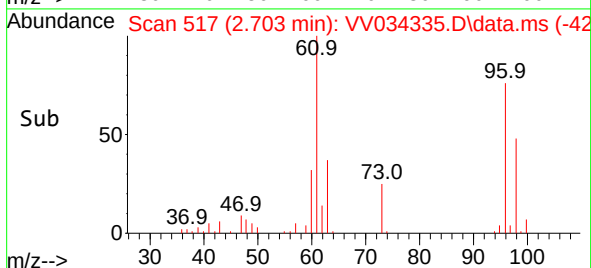
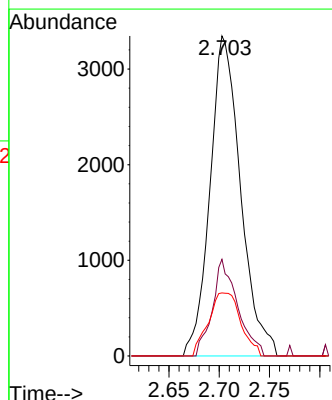
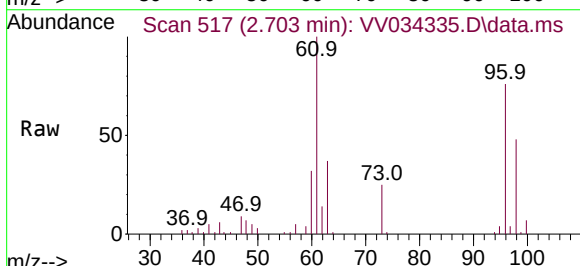
Tgt Ion: 73 Resp: 7076

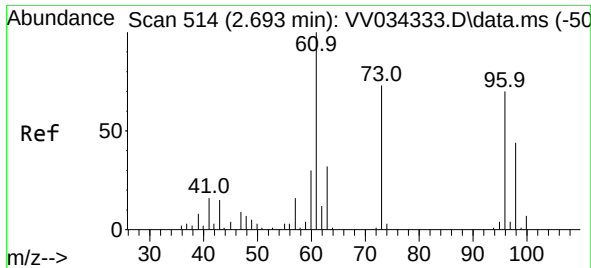
Ion Ratio Lower Upper

73 100

43 24.9 17.7 26.5

57 20.8 17.9 26.9

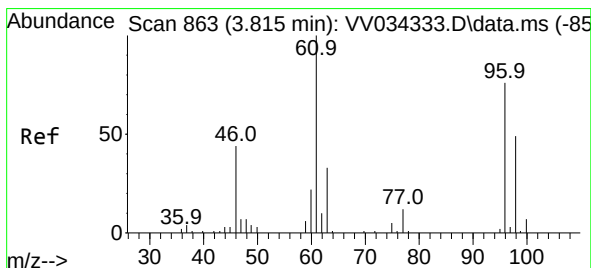
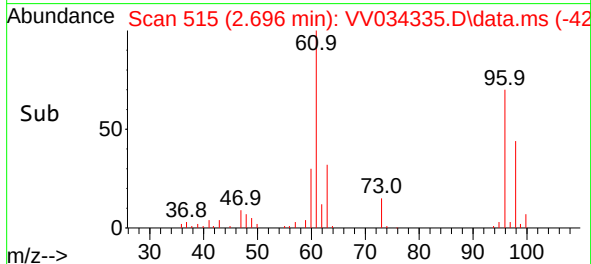
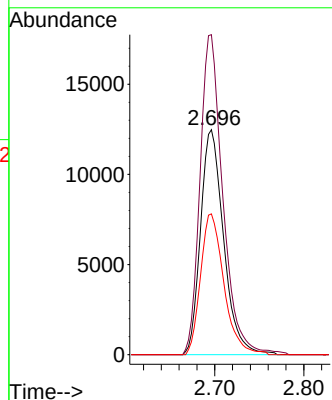
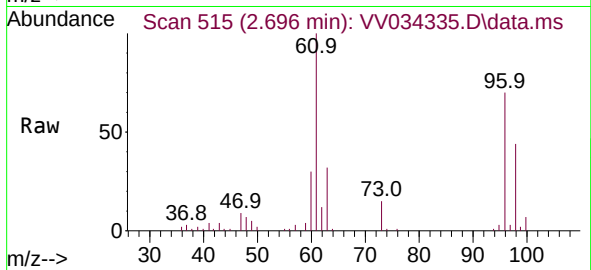




#18
trans-1,2-Dichloroethene
Concen: 4.485 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV034335.D
Acq: 22 Feb 2024 10:23

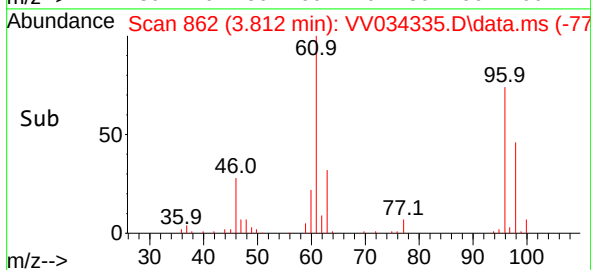
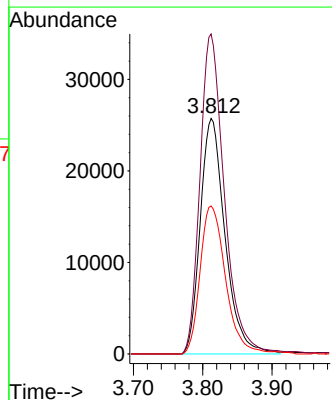
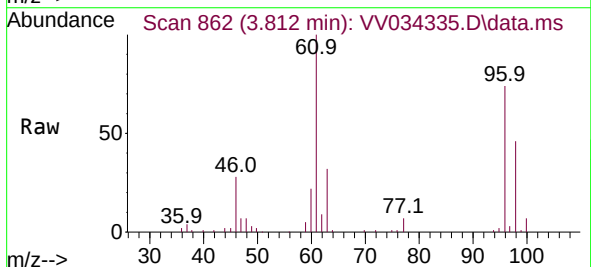
Instrument :
MSVOA_V
ClientSampleId :

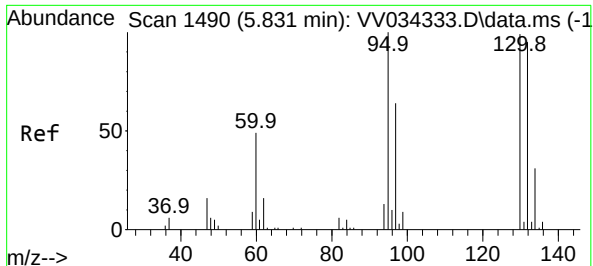
Tgt Ion: 96 Resp: 22488
Ion Ratio Lower Upper
96 100
61 142.2 97.6 181.4
98 62.6 44.4 82.5



#22
cis-1,2-Dichloroethene
Concen: 11.248 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.003 min
Lab File: VV034335.D
Acq: 22 Feb 2024 10:23

Tgt Ion: 96 Resp: 63992
Ion Ratio Lower Upper
96 100
61 135.8 90.3 167.7
98 62.8 43.2 80.2



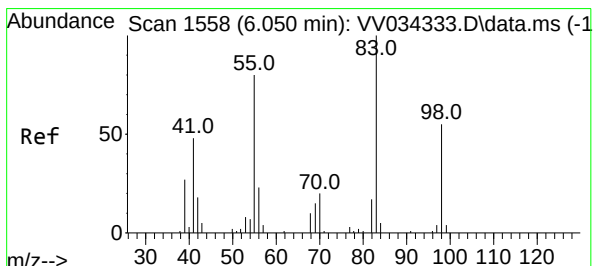
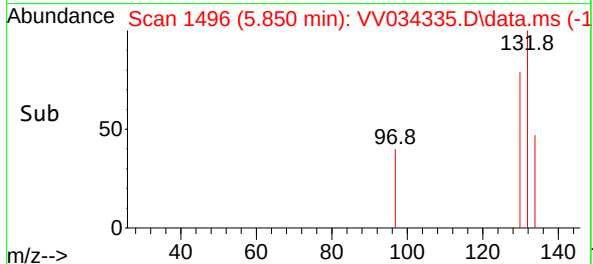
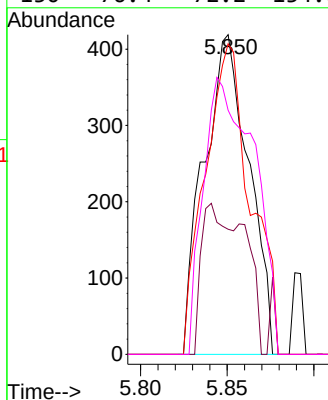
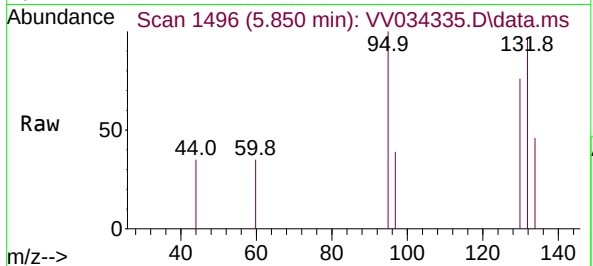


#34
Trichloroethene
Concen: 0.133 ug/L
RT: 5.850 min Scan# 1496
Delta R.T. 0.019 min
Lab File: VV034335.D
Acq: 22 Feb 2024 10:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 755

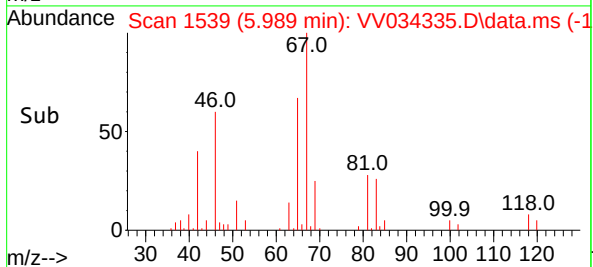
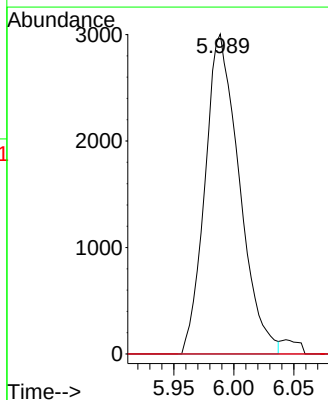
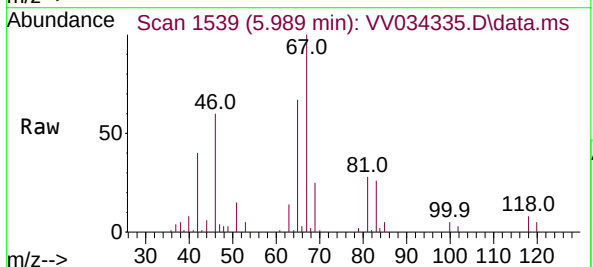
Ion	Ratio	Lower	Upper
95	100		
97	39.1	45.1	83.7#
132	97.1	66.0	122.6
130	76.4	72.2	134.0

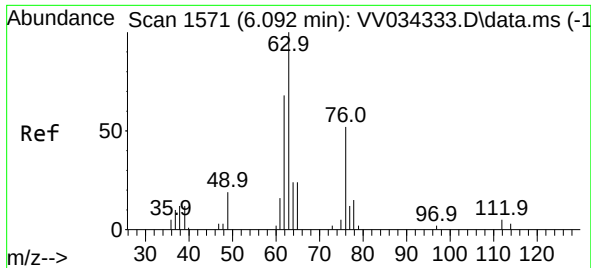


#35
Methylcyclohexane
Concen: 0.669 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.061 min
Lab File: VV034335.D
Acq: 22 Feb 2024 10:23

Tgt Ion: 83 Resp: 5973

Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.5	95.3#
98	0.0	39.0	58.4#

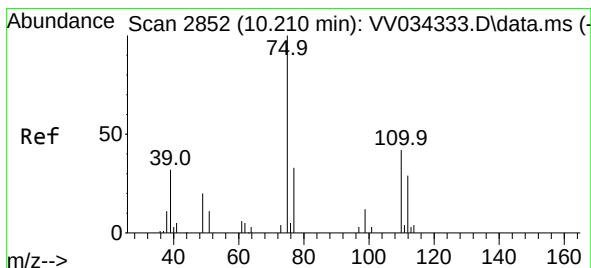
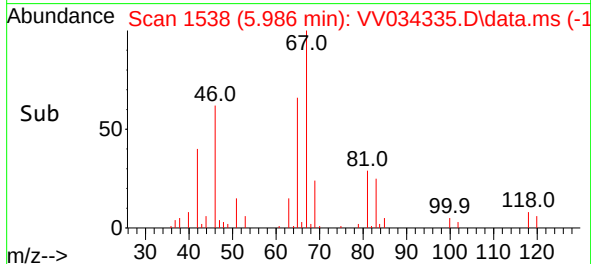
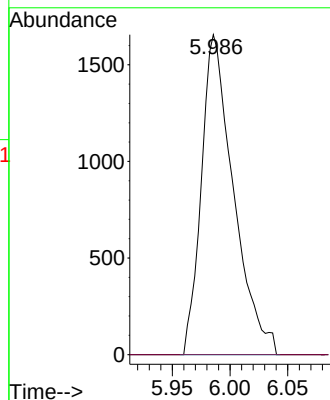
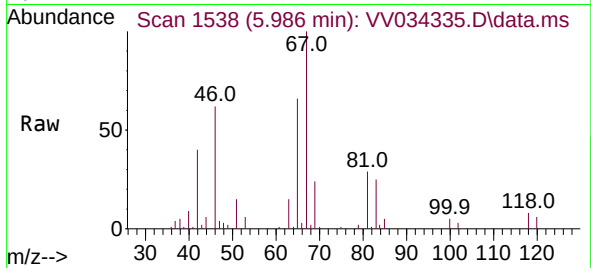




#37
1,2-Dichloropropane
Concen: 0.673 ug/L
RT: 5.986 min Scan# 111
Delta R.T. -0.106 min
Lab File: VV034335.D
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Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 3204
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#61
1,2,3-Trichloropropane
Concen: 1.732 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV034335.D
Acq: 22 Feb 2024 10:23

Tgt Ion: 75 Resp: 3645
Ion Ratio Lower Upper
75 100
77 39.1 26.9 40.3
110 0.0 33.3 49.9#

