

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037339.D
 Acq On : 18 Sep 2024 17:19
 Operator : SY/MD
 Sample : P3988-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:25:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 01:19:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

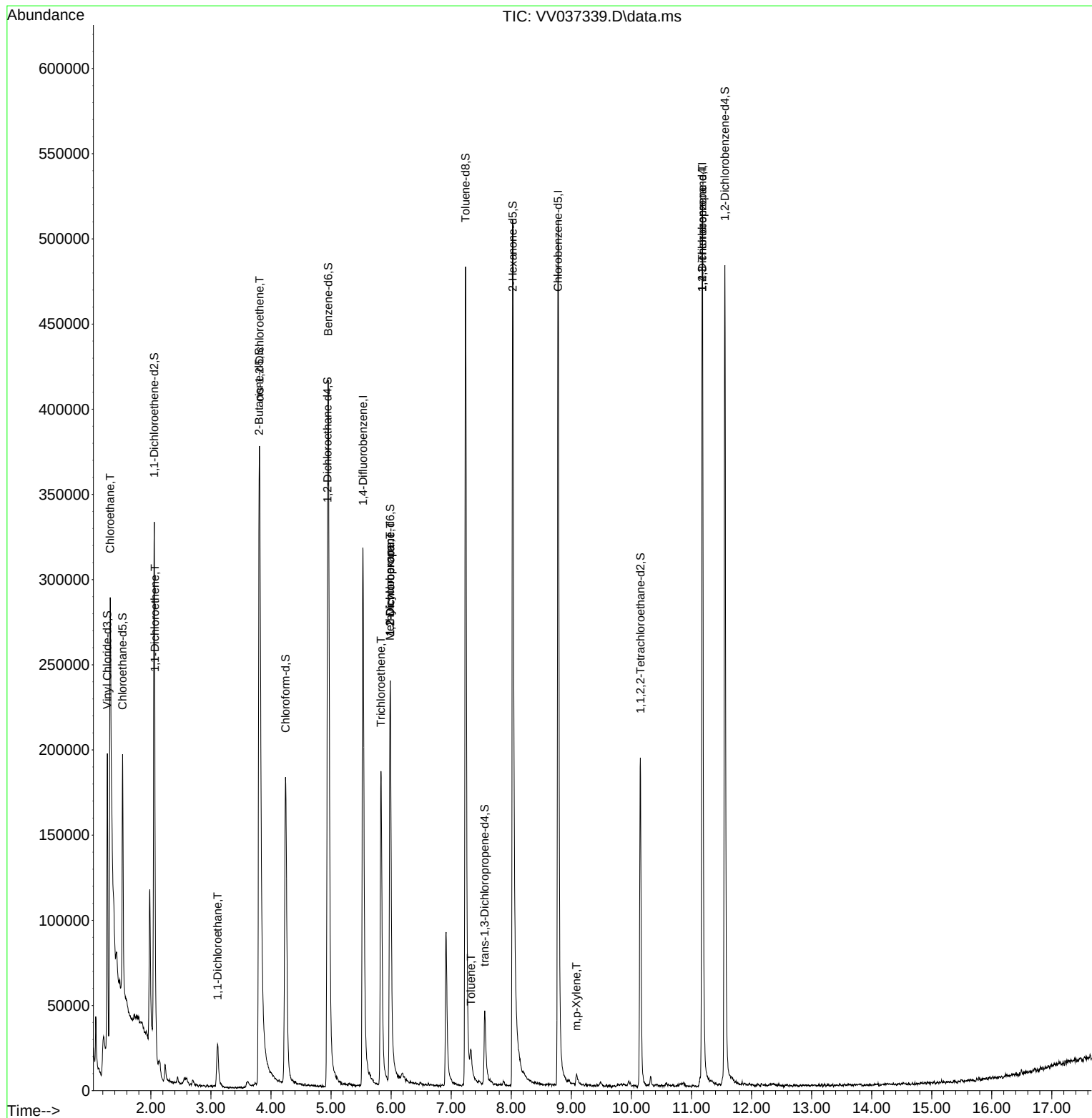
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	298213	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	308586	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	140439	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	112190	6.412	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	128.200%	
7) Chloroethane-d5	1.529	69	91099	4.994	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.800%	
11) 1,1-Dichloroethene-d2	2.056	65	46473	5.144	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	102.800%	
20) 2-Butanone-d5	3.802	46	242688	46.416	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.840%	
24) Chloroform-d	4.243	84	200051	4.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	4.941	65	95073	4.780	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
32) Benzene-d6	4.953	84	392718	4.747	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
36) 1,2-Dichloropropane-d6	5.986	67	126834	4.929	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.239	98	343417	4.607	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
43) trans-1,3-Dichloroprop...	7.558	79	34218	4.043	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.800%	
46) 2-Hexanone-d5	8.024	63	209064	50.558	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.120%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	101777	4.853	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.000%	
66) 1,2-Dichlorobenzene-d4	11.558	152	128908	5.163	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.200%	
Target Compounds						
8) Chloroethane	1.323	64	611803	35.023	ug/L #	51
12) 1,1-Dichloroethene	2.066	96	16474	0.788	ug/L #	1
19) 1,1-Dichloroethane	3.111	63	26706	0.636	ug/L	94
22) cis-1,2-Dichloroethene	3.809	96	132692	5.582	ug/L	100
34) Trichloroethene	5.831	95	73472	2.932	ug/L	98
35) Methylcyclohexane	5.982	83	28333	0.744	ug/L #	20
37) 1,2-Dichloropropane	5.986	63	13598	0.575	ug/L #	87
42) Toluene	7.330	91	15491	0.160	ug/L	91
53) m,p-Xylene	9.085	106	2014	0.051	ug/L	86
61) 1,2,3-Trichloropropane	11.181	75	18339	1.435	ug/L #	66

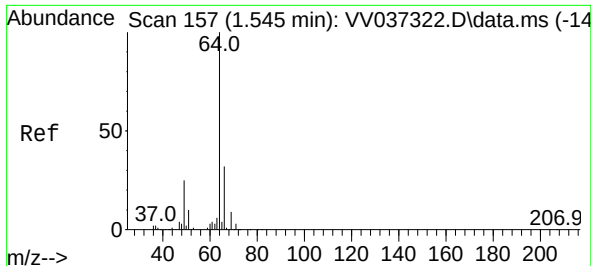
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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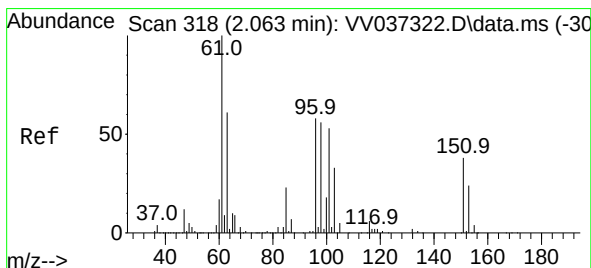
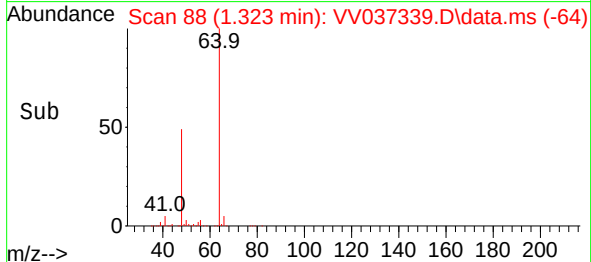
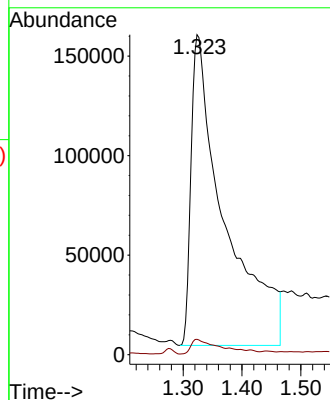
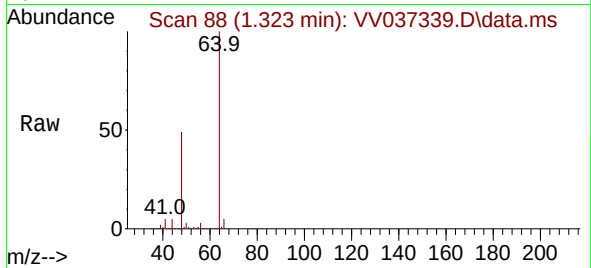




#8
Chloroethane
Concen: 35.023 ug/L
RT: 1.323 min Scan# 81
Delta R.T. -0.222 min
Lab File: VV037339.D
Acq: 18 Sep 2024 17:19

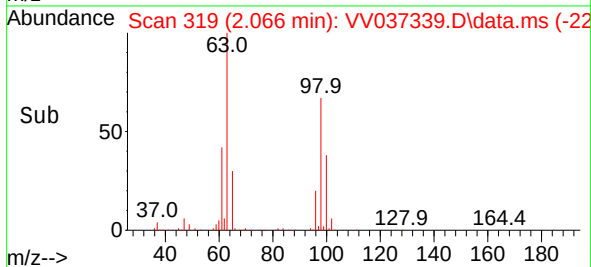
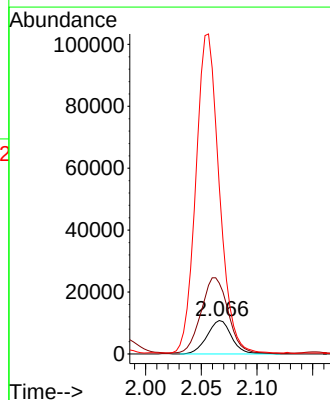
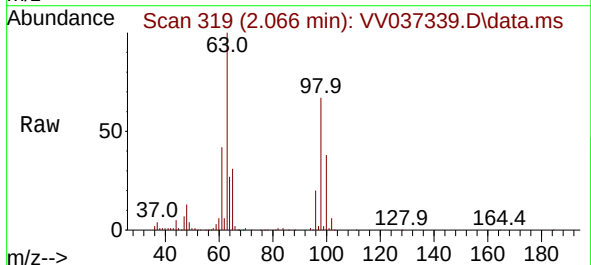
Instrument :
MSVOA_V
ClientSampleId :

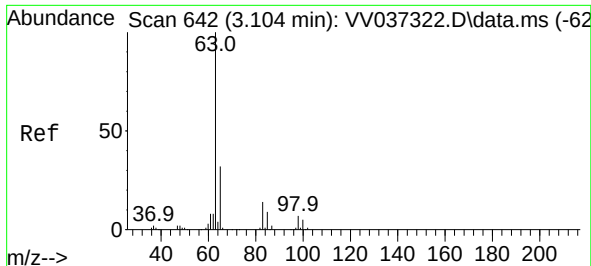
Tgt Ion: 64 Resp: 611803
Ion Ratio Lower Upper
64 100
66 4.8 22.7 42.1#



#12
1,1-Dichloroethene
Concen: 0.788 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037339.D
Acq: 18 Sep 2024 17:19

Tgt Ion: 96 Resp: 16474
Ion Ratio Lower Upper
96 100
61 211.6 119.9 222.7
63 502.3 81.4 151.2#





#19

1,1-Dichloroethane

Concen: 0.636 ug/L

RT: 3.111 min Scan# 642

Delta R.T. 0.007 min

Lab File: VV037339.D

Acq: 18 Sep 2024 17:19

Instrument :

MSVOA_V

ClientSampleId :

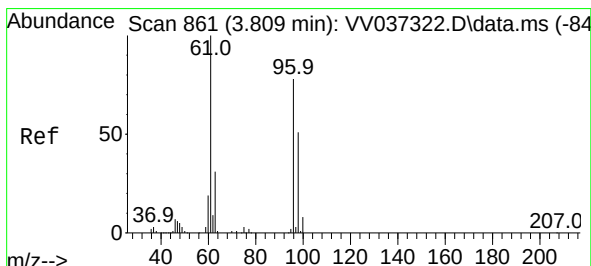
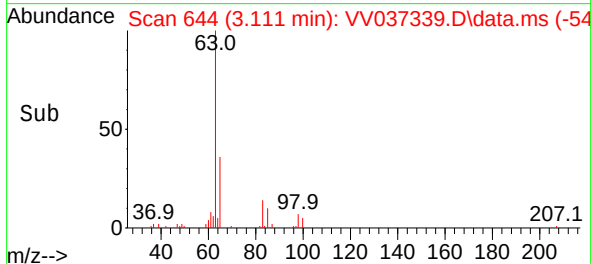
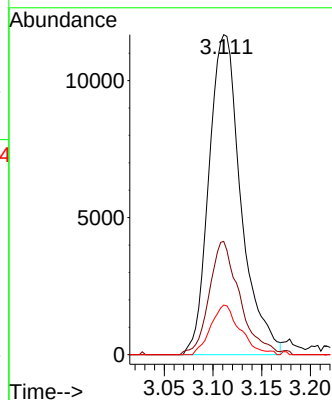
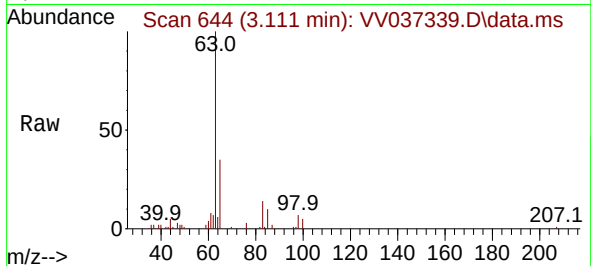
Tgt Ion: 63 Resp: 26706

Ion Ratio Lower Upper

63 100

65 35.4 22.5 41.7

83 15.5 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 5.582 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV037339.D

Acq: 18 Sep 2024 17:19

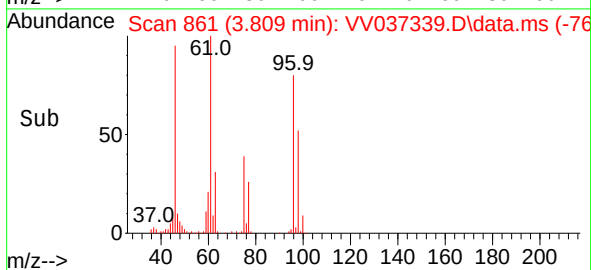
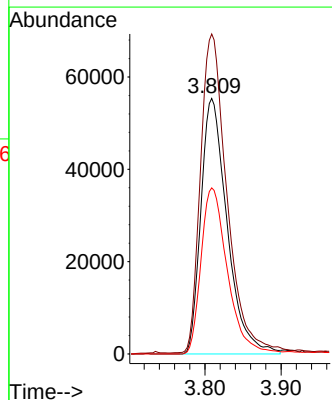
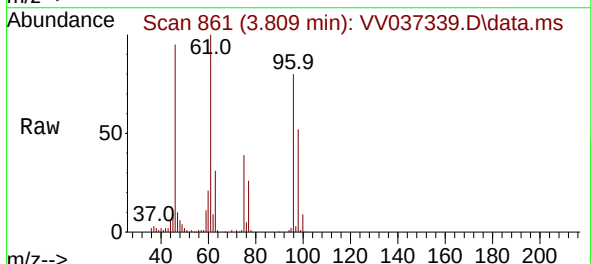
Tgt Ion: 96 Resp: 132692

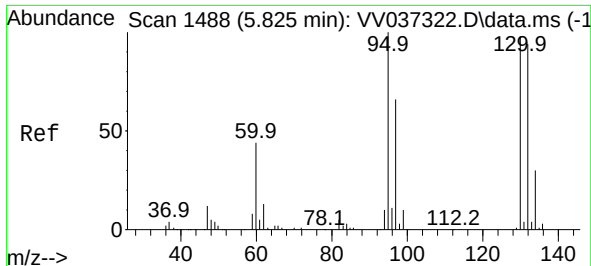
Ion Ratio Lower Upper

96 100

61 125.2 87.6 162.6

98 65.0 44.9 83.5





#34

Trichloroethene

Concen: 2.932 ug/L

RT: 5.831 min Scan# 14

Delta R.T. 0.007 min

Lab File: VV037339.D

Acq: 18 Sep 2024 17:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 73472

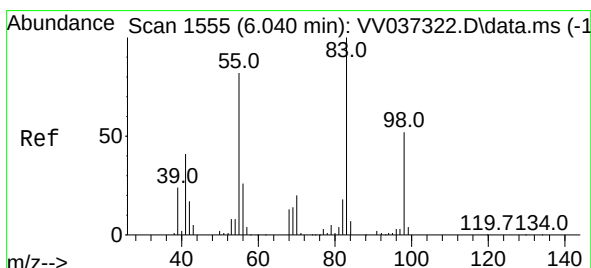
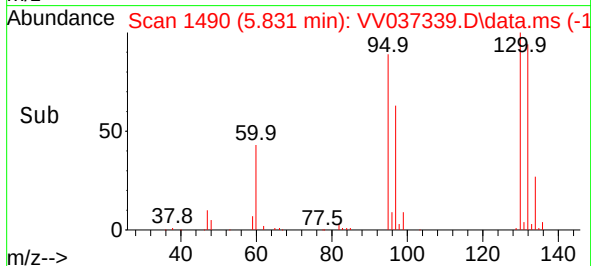
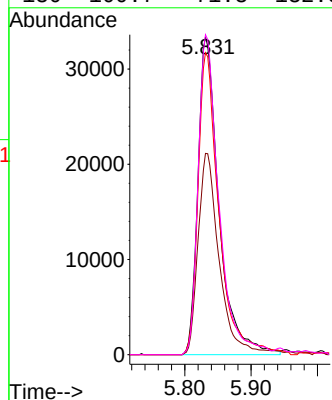
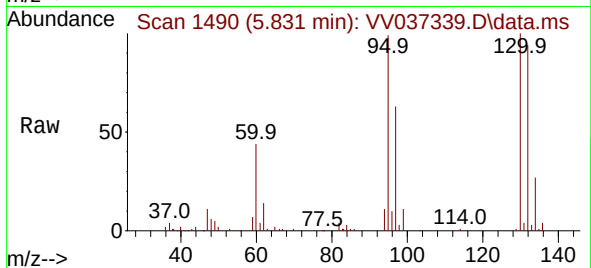
Ion Ratio Lower Upper

95 100

97 63.3 46.5 86.5

132 95.0 65.5 121.7

130 100.7 71.3 132.3



#35

Methylcyclohexane

Concen: 0.744 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV037339.D

Acq: 18 Sep 2024 17:19

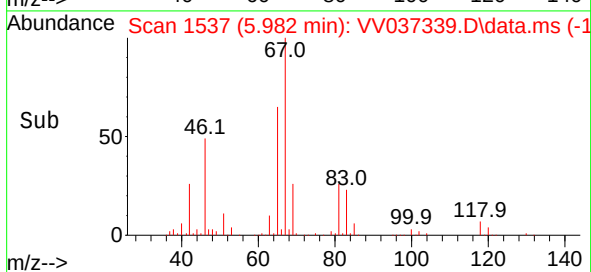
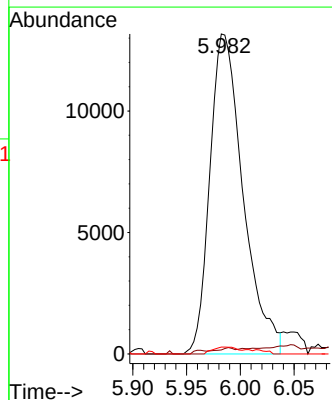
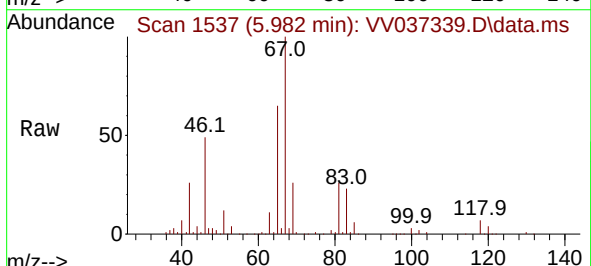
Tgt Ion: 83 Resp: 28333

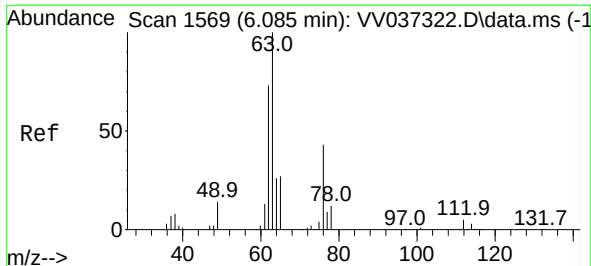
Ion Ratio Lower Upper

83 100

55 1.0 60.3 90.5#

98 1.6 38.2 57.4#





#37

1,2-Dichloropropane

Concen: 0.575 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.099 min

Lab File: VV037339.D

Acq: 18 Sep 2024 17:19

Instrument :

MSVOA_V

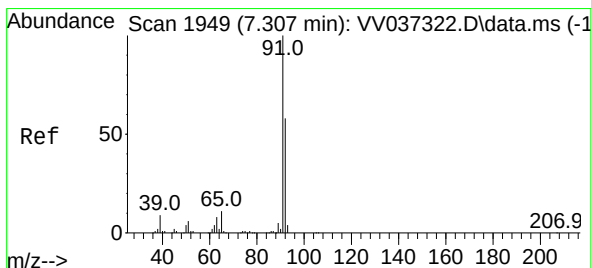
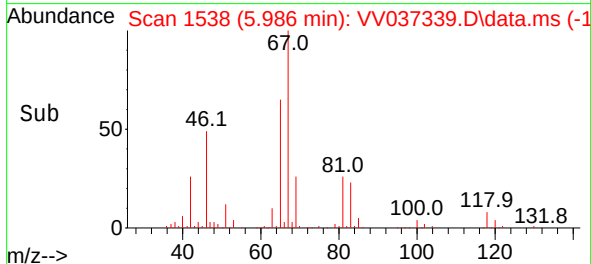
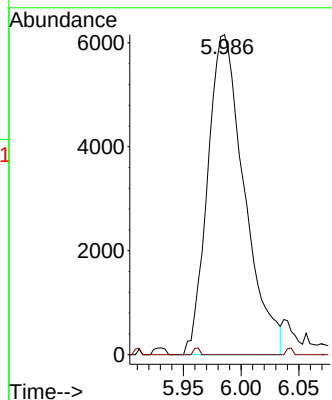
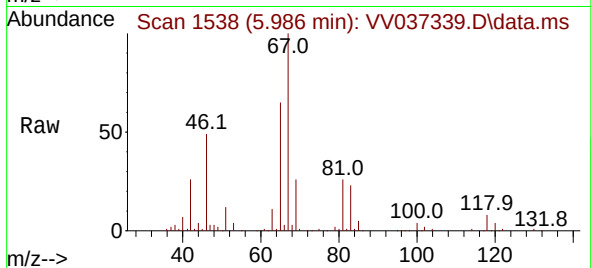
ClientSampleId :

Tgt Ion: 63 Resp: 13598

Ion Ratio Lower Upper

63 100

112 0.4 3.7 5.5#



#42

Toluene

Concen: 0.160 ug/L

RT: 7.330 min Scan# 1956

Delta R.T. 0.023 min

Lab File: VV037339.D

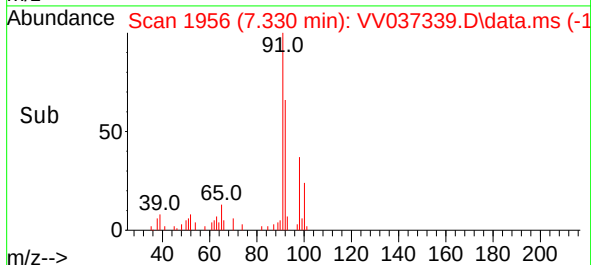
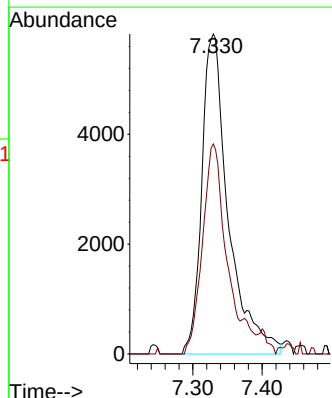
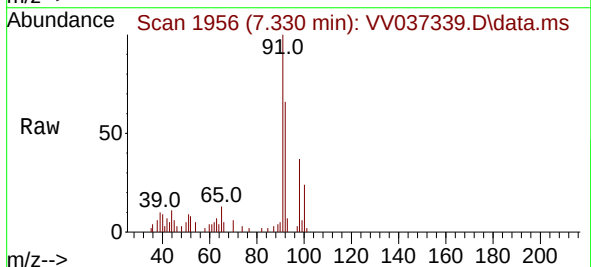
Acq: 18 Sep 2024 17:19

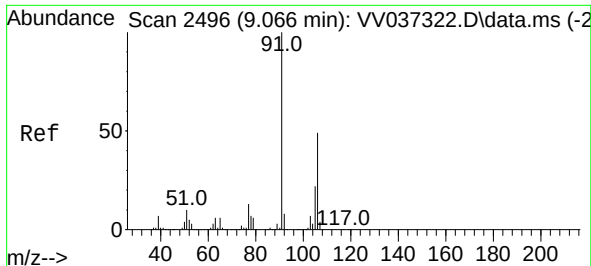
Tgt Ion: 91 Resp: 15491

Ion Ratio Lower Upper

91 100

92 65.6 41.4 77.0

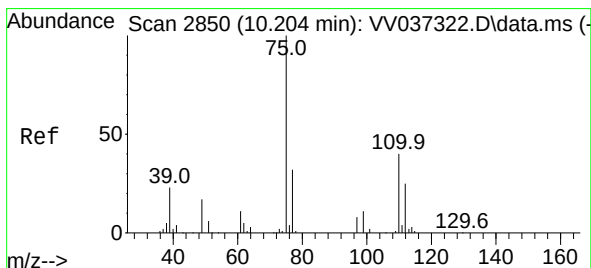
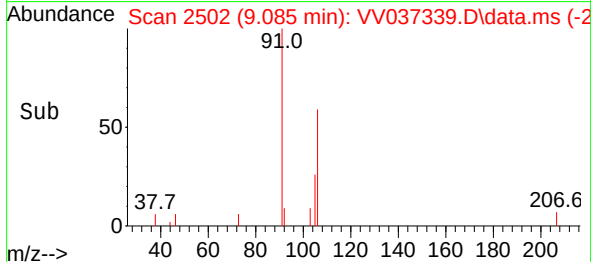
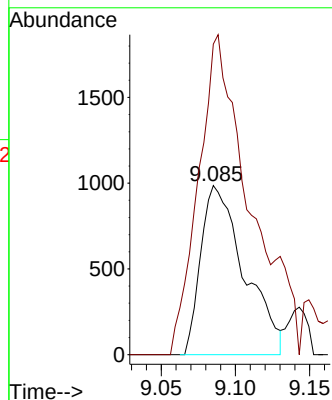
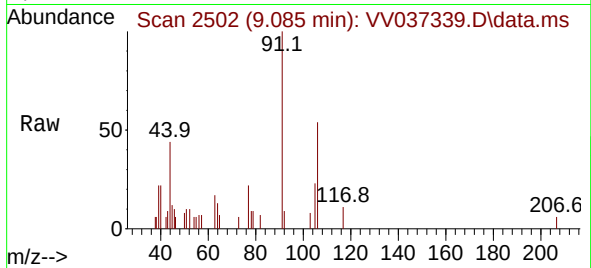




#53
m,p-Xylene
Concen: 0.051 ug/L
RT: 9.085 min Scan# 21
Delta R.T. 0.019 min
Lab File: VV037339.D
Acq: 18 Sep 2024 17:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 2014
Ion Ratio Lower Upper
106 100
91 183.7 143.3 266.1



#61
1,2,3-Trichloropropane
Concen: 1.435 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.978 min
Lab File: VV037339.D
Acq: 18 Sep 2024 17:19

Tgt Ion: 75 Resp: 18339
Ion Ratio Lower Upper
75 100
77 33.8 25.6 38.4
110 3.0 31.0 46.4#

