

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037340.D
 Acq On : 18 Sep 2024 17:43
 Operator : SY/MD
 Sample : P3988-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:25:31 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)

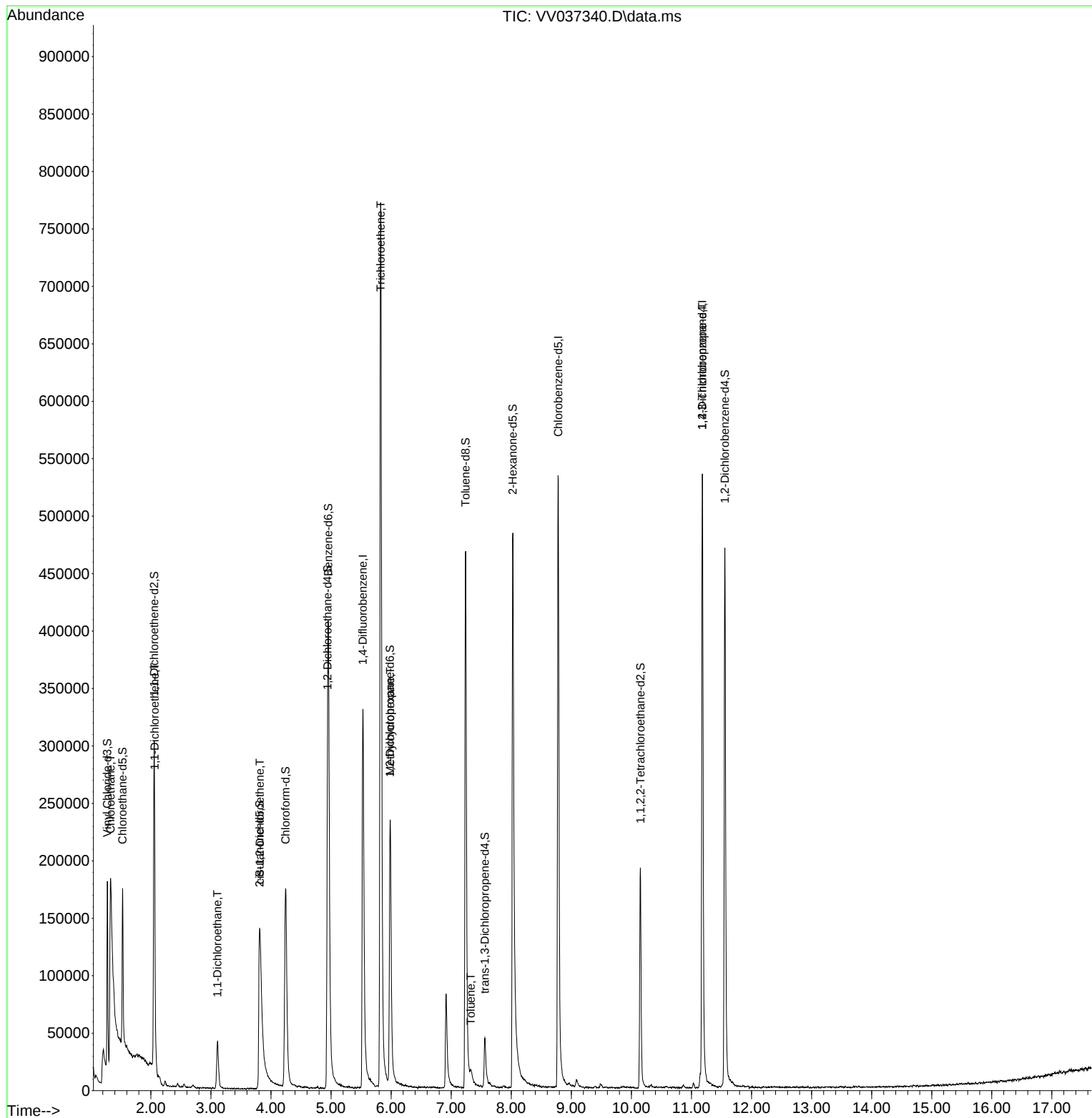
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	307623	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	316701	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	149413	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	105734	5.859	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.200%
7) Chloroethane-d5	1.529	69	87201	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.056	65	45526	4.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	3.809	46	220912	40.958	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.920%
24) Chloroform-d	4.243	84	197008	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	4.941	65	95028	4.632	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	4.953	84	389317	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	5.982	67	121449	4.599	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.240	98	330808	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.561	79	32731	3.768	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.400%
46) 2-Hexanone-d5	8.024	63	193109	45.503	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.000%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	99732	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.558	152	127914	4.815	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
8) Chloroethane	1.330	64	405126	22.483	ug/L #	51
12) 1,1-Dichloroethene	2.063	96	10324	0.479	ug/L #	1
19) 1,1-Dichloroethane	3.108	63	42661	0.985	ug/L	99
22) cis-1,2-Dichloroethene	3.812	96	7003	0.286	ug/L	92
34) Trichloroethene	5.825	95	292896	11.391	ug/L	96
35) Methylcyclohexane	5.986	83	28688	0.734	ug/L #	20
42) Toluene	7.326	91	8326	0.084	ug/L	90
61) 1,2,3-Trichloropropane	11.182	75	18476	1.359	ug/L #	65

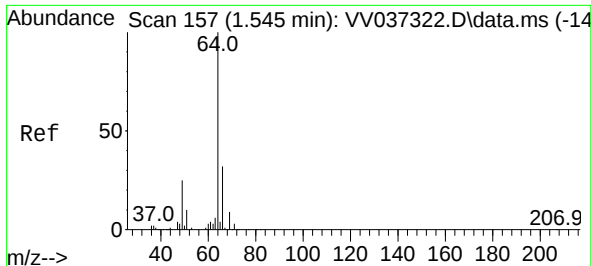
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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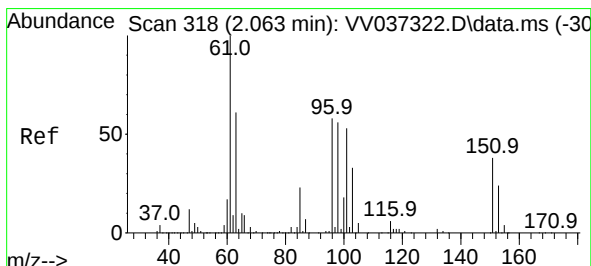
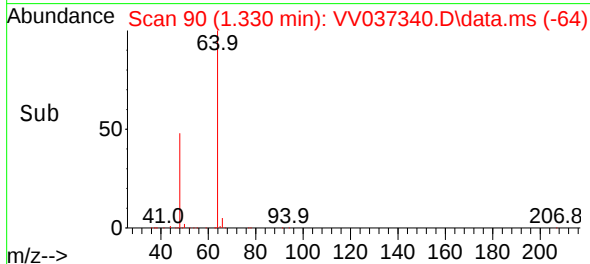
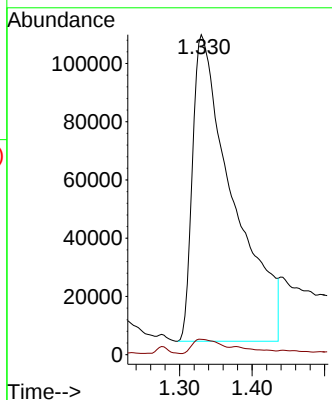
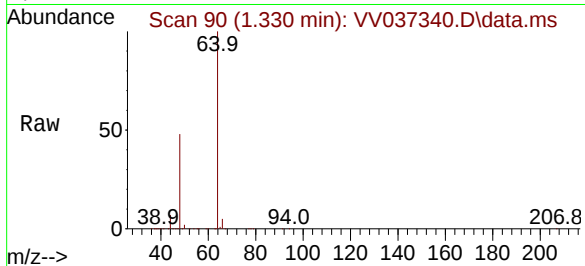




#8
Chloroethane
Concen: 22.483 ug/L
RT: 1.330 min Scan# 90
Delta R.T. -0.215 min
Lab File: VV037340.D
Acq: 18 Sep 2024 17:43

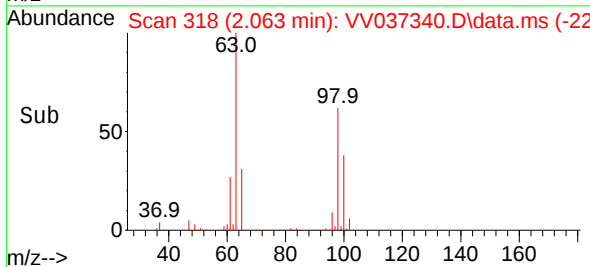
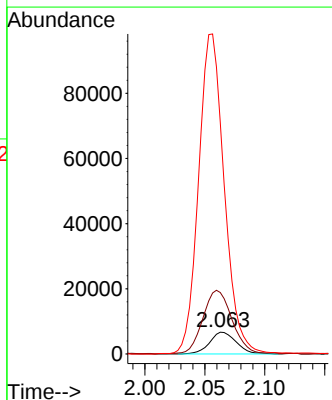
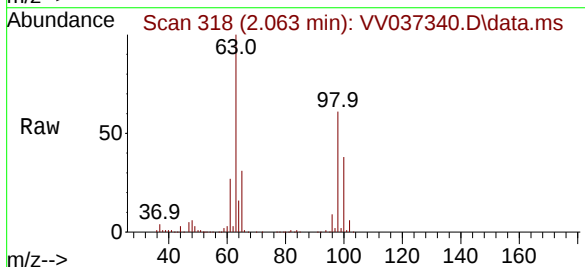
Instrument :
MSVOA_V
ClientSampleId :

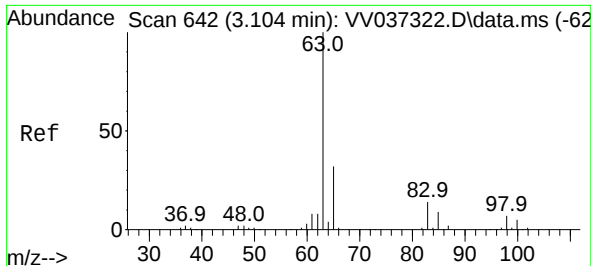
Tgt Ion: 64 Resp: 405126
Ion Ratio Lower Upper
64 100
66 4.8 22.7 42.1#



#12
1,1-Dichloroethene
Concen: 0.479 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV037340.D
Acq: 18 Sep 2024 17:43

Tgt Ion: 96 Resp: 10324
Ion Ratio Lower Upper
96 100
61 282.4 119.9 222.7#
63 1062.6 81.4 151.2#





#19

1,1-Dichloroethane

Concen: 0.985 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV037340.D

Acq: 18 Sep 2024 17:43

Instrument :

MSVOA_V

ClientSampleId :

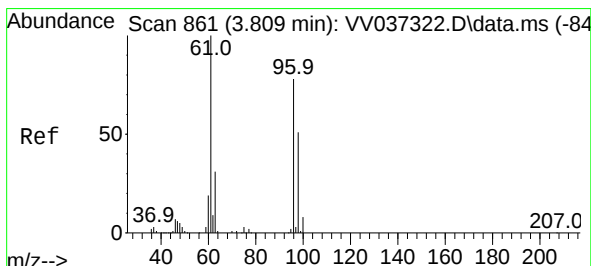
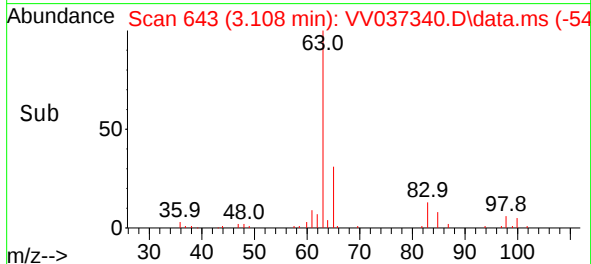
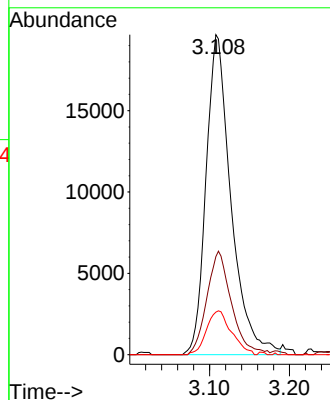
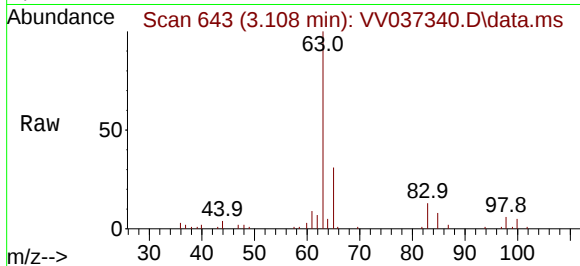
Tgt Ion: 63 Resp: 42661

Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.7

83 13.3 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 0.286 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV037340.D

Acq: 18 Sep 2024 17:43

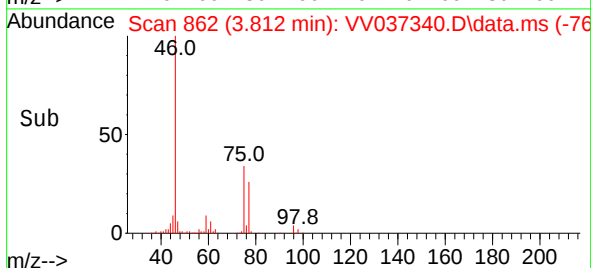
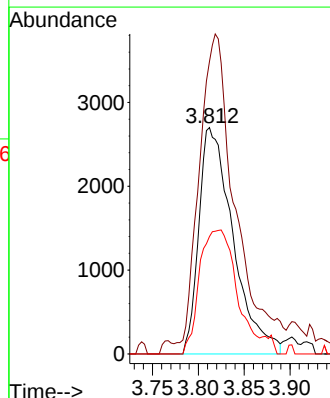
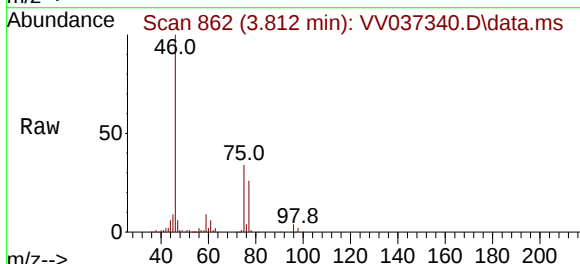
Tgt Ion: 96 Resp: 7003

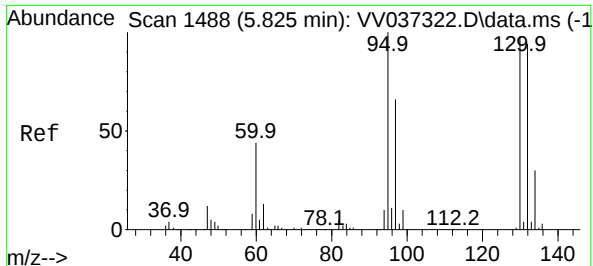
Ion Ratio Lower Upper

96 100

61 129.2 87.6 162.6

98 51.9 44.9 83.5





#34

Trichloroethene

Concen: 11.391 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VV037340.D

Acq: 18 Sep 2024 17:43

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 292896

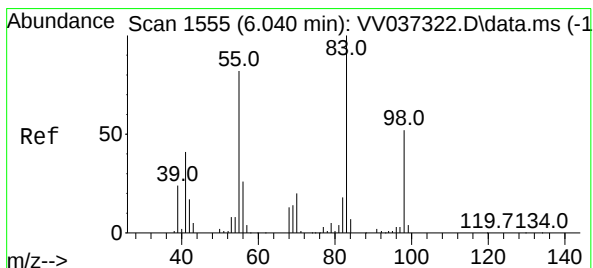
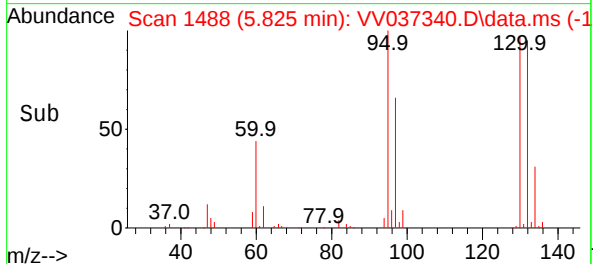
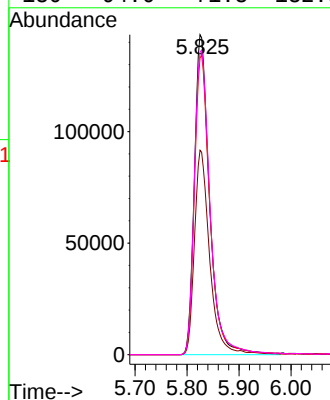
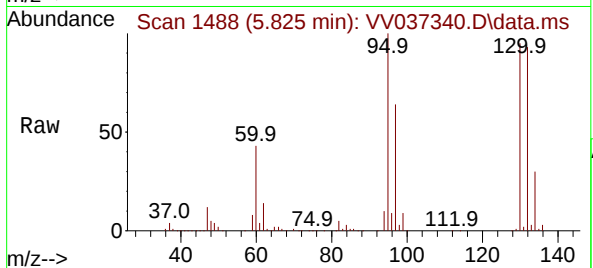
Ion Ratio Lower Upper

95 100

97 63.9 46.5 86.5

132 92.6 65.5 121.7

130 94.6 71.3 132.3



#35

Methylcyclohexane

Concen: 0.734 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.054 min

Lab File: VV037340.D

Acq: 18 Sep 2024 17:43

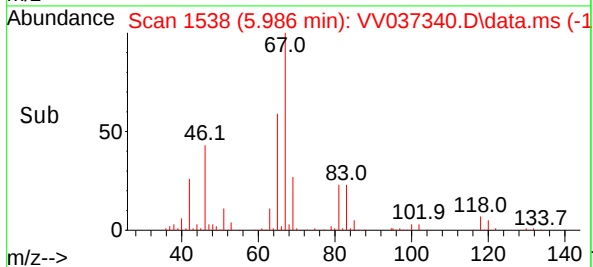
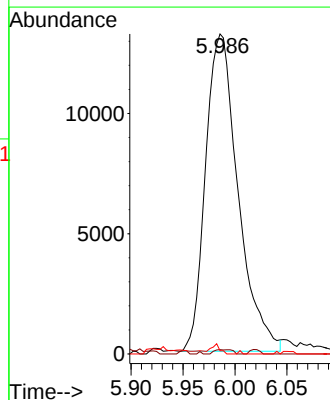
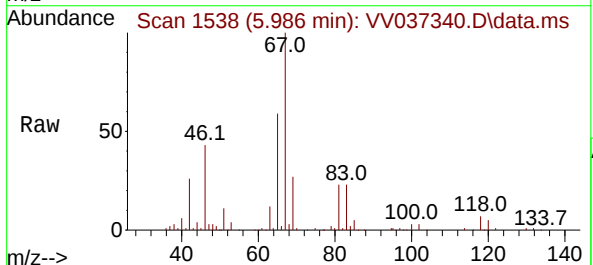
Tgt Ion: 83 Resp: 28688

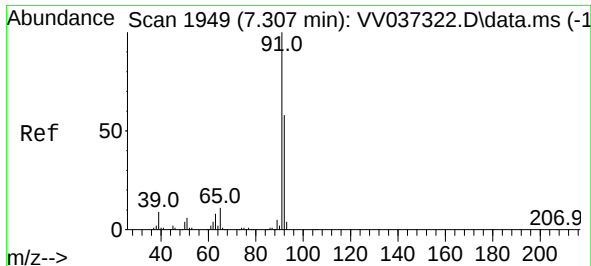
Ion Ratio Lower Upper

83 100

55 0.7 60.3 90.5#

98 1.1 38.2 57.4#





#42

Toluene

Concen: 0.084 ug/L

RT: 7.326 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV037340.D

Acq: 18 Sep 2024 17:43

Instrument :

MSVOA_V

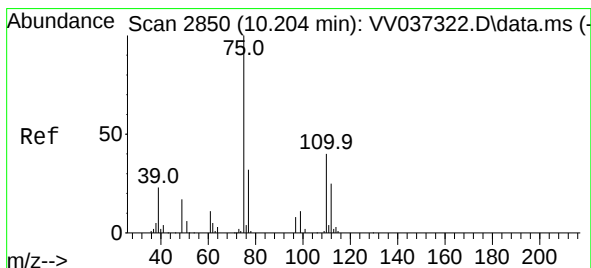
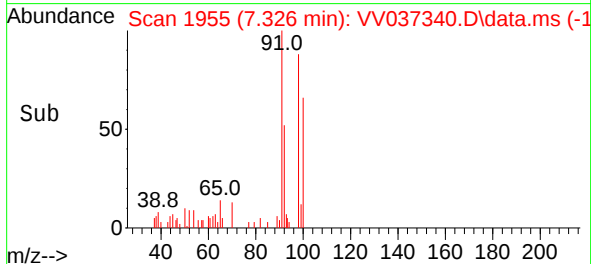
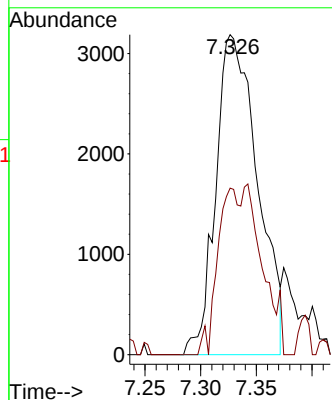
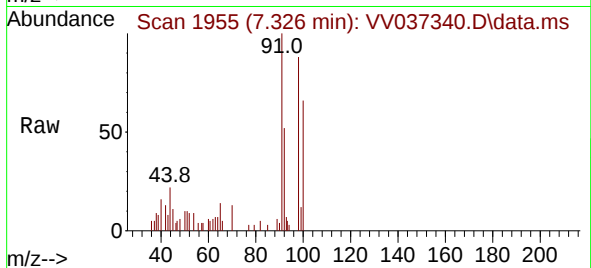
ClientSampleId :

Tgt Ion: 91 Resp: 8326

Ion Ratio Lower Upper

91 100

92 52.0 41.4 77.0



#61

1,2,3-Trichloropropane

Concen: 1.359 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.978 min

Lab File: VV037340.D

Acq: 18 Sep 2024 17:43

Tgt Ion: 75 Resp: 18476

Ion Ratio Lower Upper

75 100

77 37.1 25.6 38.4

110 4.0 31.0 46.4#

