

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037337.D
 Acq On : 18 Sep 2024 16:30
 Operator : SY/MD
 Sample : P3988-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:24:31 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)

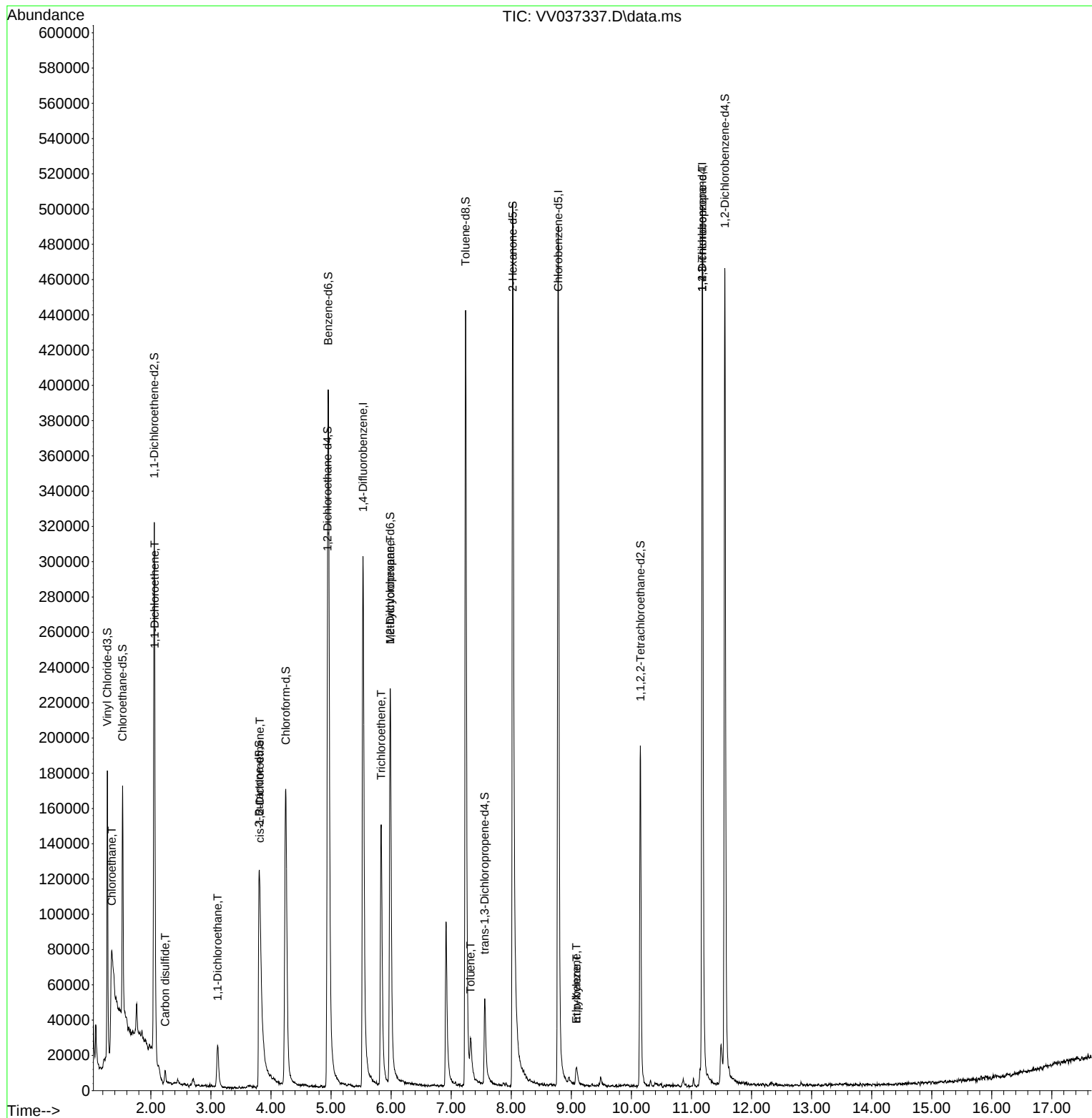
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	277167	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	296998	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	136912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	102481	6.302	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.000%
7) Chloroethane-d5	1.529	69	84465	4.982	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.056	65	41757	4.973	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	3.802	46	228841	47.091	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.180%
24) Chloroform-d	4.246	84	191285	4.845	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.941	65	94819	5.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	4.953	84	370405	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
36) 1,2-Dichloropropane-d6	5.986	67	122613	4.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.240	98	324125	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.558	79	35652	4.377	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.024	63	197290	49.573	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.140%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	99746	4.942	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	121618	4.996	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
8) Chloroethane	1.349	64	155960	9.606	ug/L #	50
12) 1,1-Dichloroethene	2.066	96	22547	1.161	ug/L #	3
14) Carbon disulfide	2.240	76	10803	0.176	ug/L #	94
19) 1,1-Dichloroethane	3.111	63	25568	0.655	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	5284	0.239	ug/L	94
34) Trichloroethene	5.834	95	58673	2.433	ug/L	96
35) Methylcyclohexane	5.986	83	29280	0.799	ug/L #	18
42) Toluene	7.323	91	18646	0.200	ug/L	91
52) Ethylbenzene	9.085	91	7912	0.076	ug/L	88
53) m,p-Xylene	9.088	106	3479	0.091	ug/L	65
61) 1,2,3-Trichloropropane	11.182	75	18192	1.460	ug/L #	68

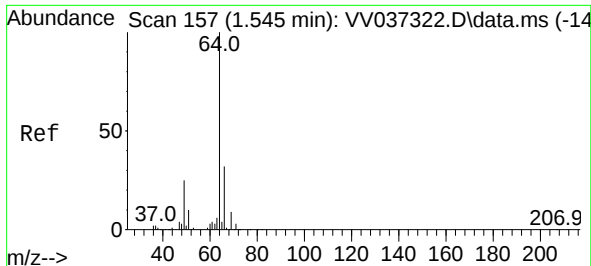
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
Data File : VV037337.D
Acq On : 18 Sep 2024 16:30
Operator : SY/MD
Sample : P3988-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 19 01:24:31 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

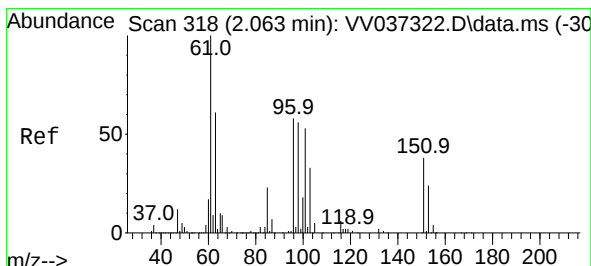
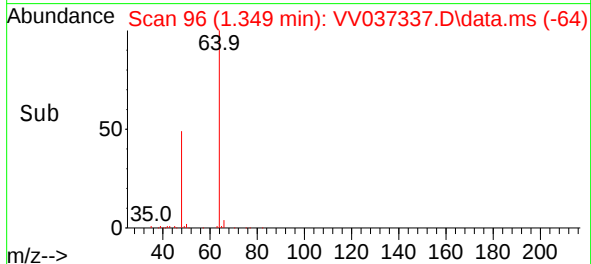
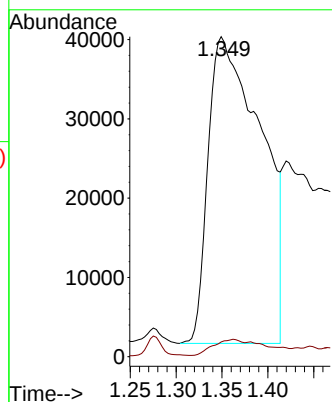
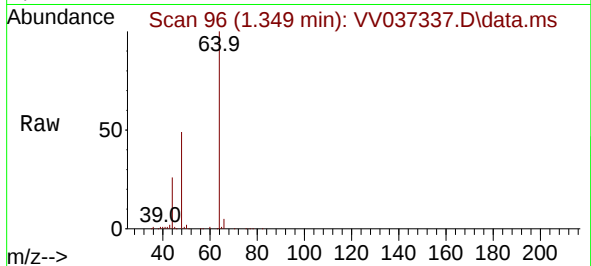




#8
Chloroethane
Concen: 9.606 ug/L
RT: 1.349 min Scan# 90
Delta R.T. -0.196 min
Lab File: VV037337.D
Acq: 18 Sep 2024 16:30

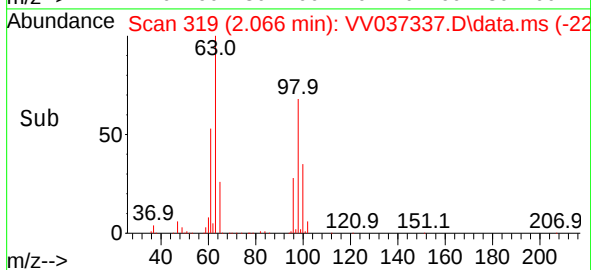
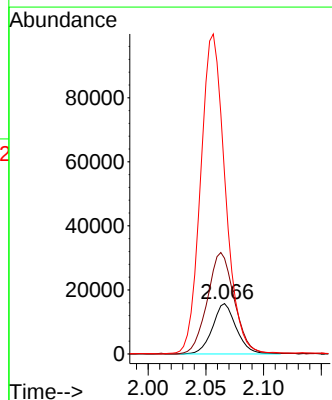
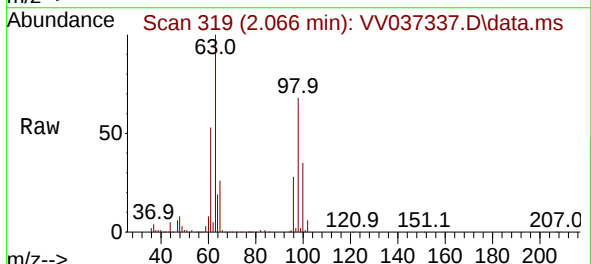
Instrument :
MSVOA_V
ClientSampleId :

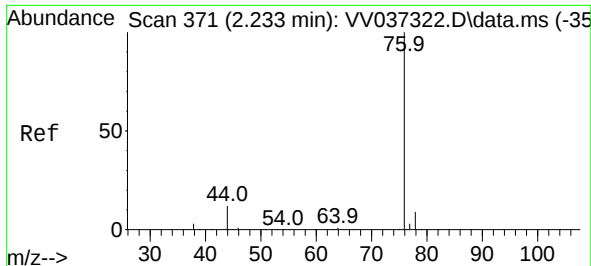
Tgt Ion: 64 Resp: 155960
Ion Ratio Lower Upper
64 100
66 4.6 22.7 42.1#



#12
1,1-Dichloroethene
Concen: 1.161 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037337.D
Acq: 18 Sep 2024 16:30

Tgt Ion: 96 Resp: 22547
Ion Ratio Lower Upper
96 100
61 189.9 119.9 222.7
63 357.1 81.4 151.2#





#14

Carbon disulfide

Concen: 0.176 ug/L

RT: 2.240 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV037337.D

Acq: 18 Sep 2024 16:30

Instrument :

MSVOA_V

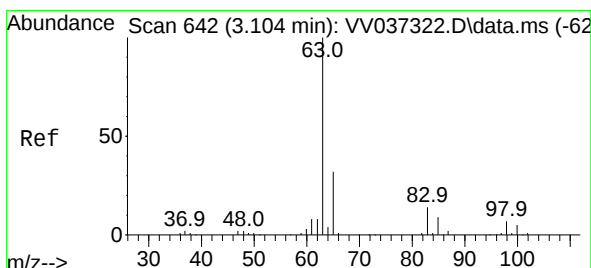
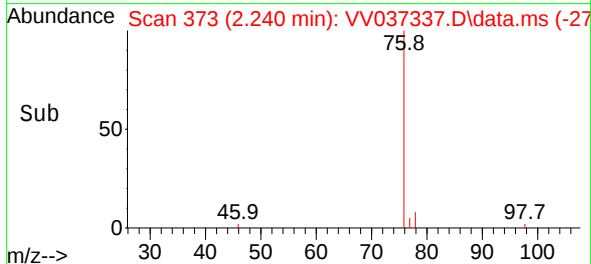
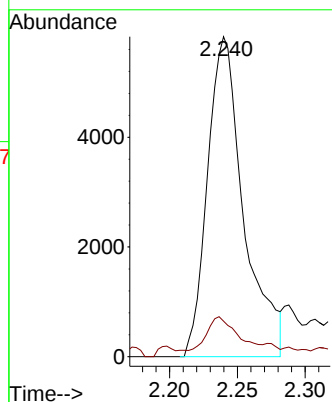
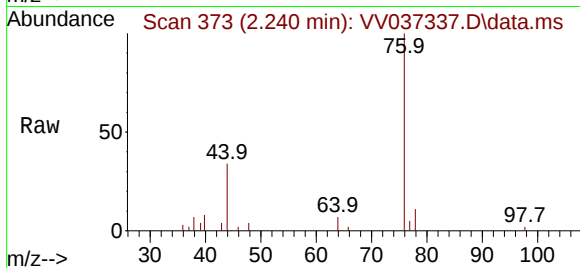
ClientSampleId :

Tgt Ion: 76 Resp: 10803

Ion Ratio Lower Upper

76 100

78 11.1 7.3 10.9#



#19

1,1-Dichloroethane

Concen: 0.655 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.007 min

Lab File: VV037337.D

Acq: 18 Sep 2024 16:30

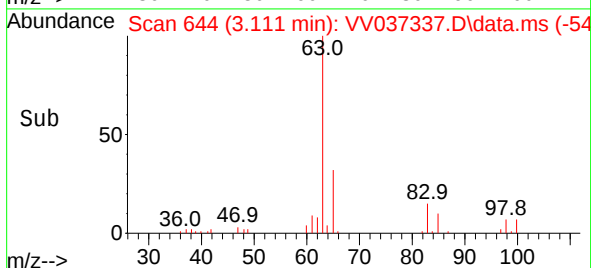
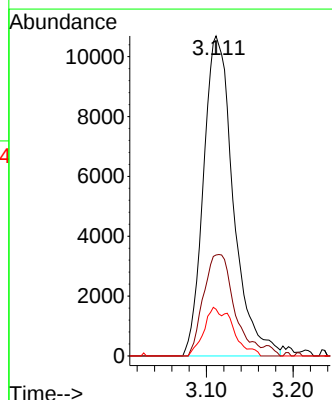
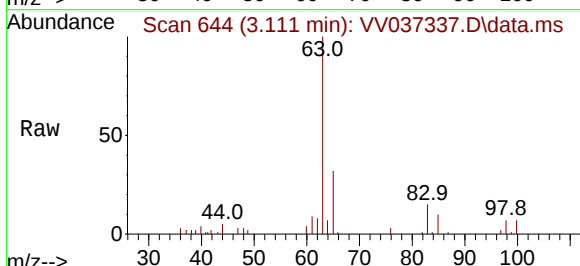
Tgt Ion: 63 Resp: 25568

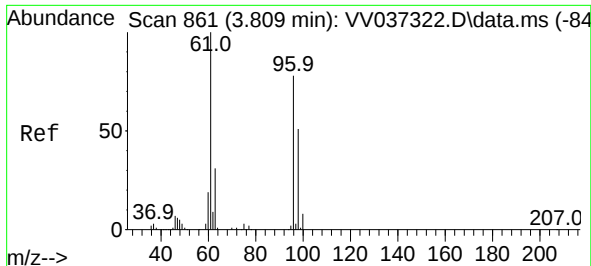
Ion Ratio Lower Upper

63 100

65 31.6 22.5 41.7

83 14.6 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 0.239 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.007 min

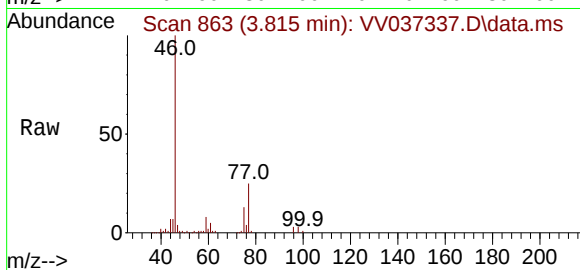
Lab File: VV037337.D

Acq: 18 Sep 2024 16:30

Instrument :

MSVOA_V

ClientSampleId :



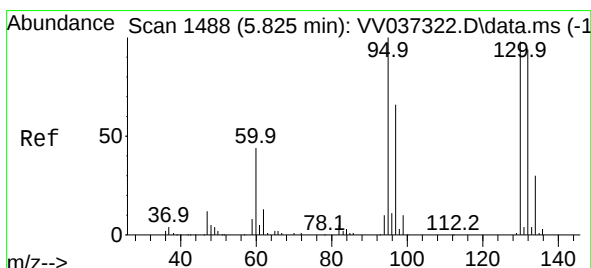
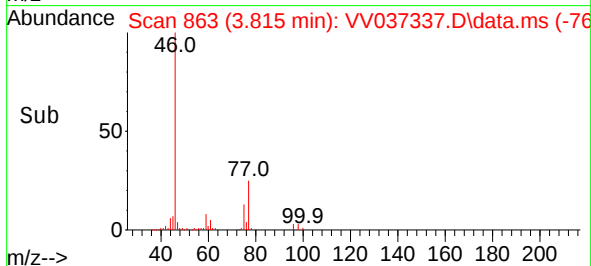
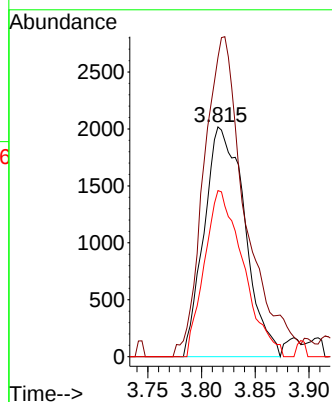
Tgt Ion: 96 Resp: 5284

Ion Ratio Lower Upper

96 100

61 130.2 87.6 162.6

98 72.3 44.9 83.5



#34

Trichloroethene

Concen: 2.433 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.010 min

Lab File: VV037337.D

Acq: 18 Sep 2024 16:30

Tgt Ion: 95 Resp: 58673

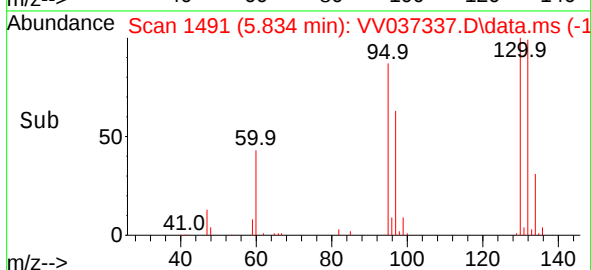
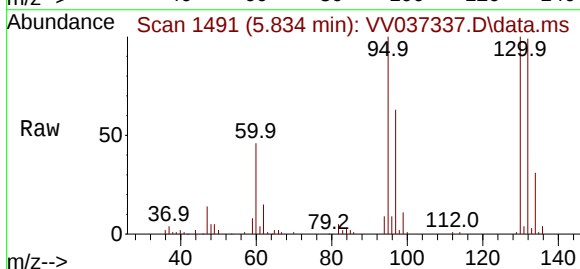
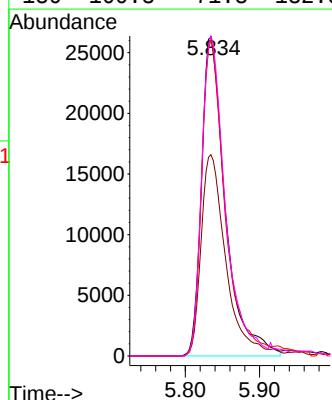
Ion Ratio Lower Upper

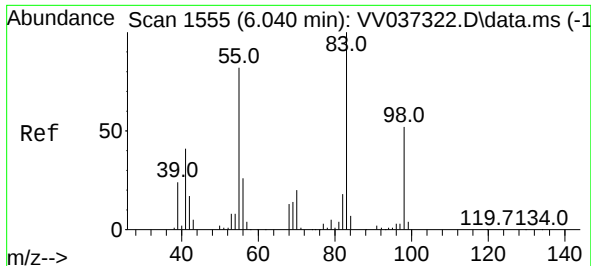
95 100

97 63.1 46.5 86.5

132 99.0 65.5 121.7

130 100.3 71.3 132.3





#35

Methylcyclohexane

Concen: 0.799 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.054 min

Lab File: VV037337.D

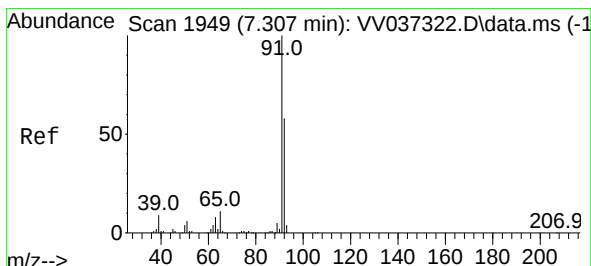
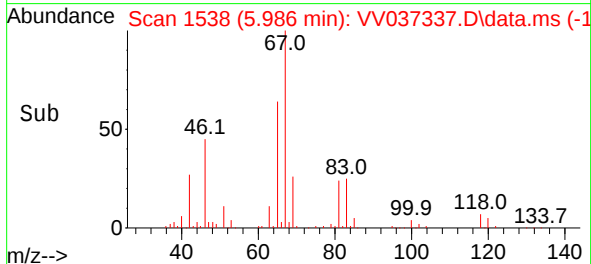
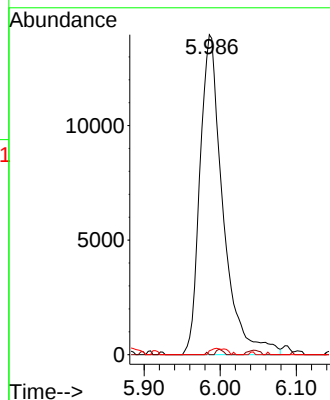
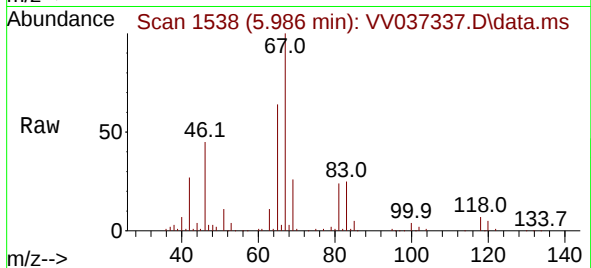
Acq: 18 Sep 2024 16:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	29280
Ion Ratio	Lower	Upper	
83	100		
55	0.1	60.3	90.5#
98	0.0	38.2	57.4#



#42

Toluene

Concen: 0.200 ug/L

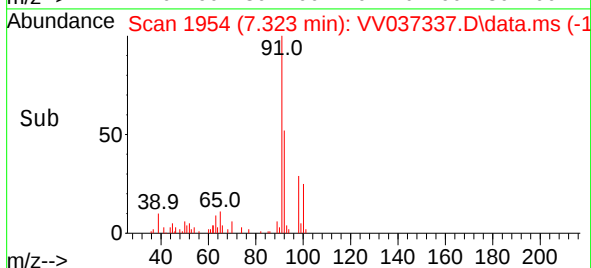
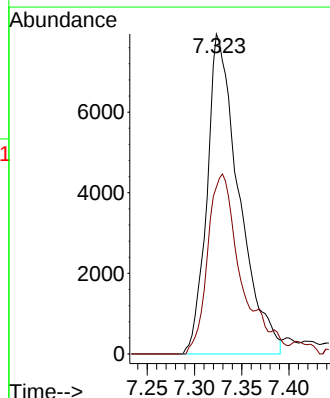
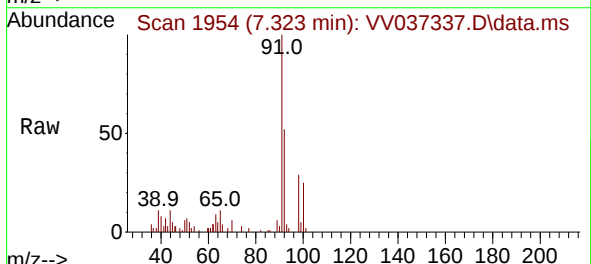
RT: 7.323 min Scan# 1954

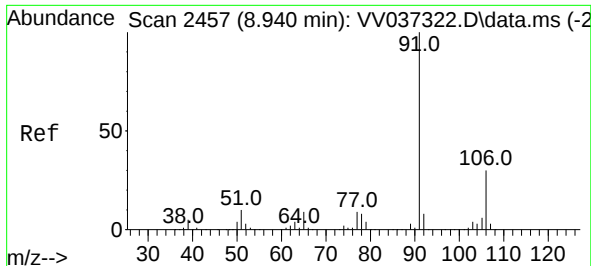
Delta R.T. 0.016 min

Lab File: VV037337.D

Acq: 18 Sep 2024 16:30

Tgt Ion:	91	Resp:	18646
Ion Ratio	Lower	Upper	
91	100		
92	52.1	41.4	77.0

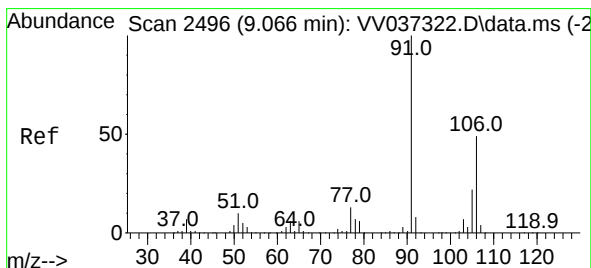
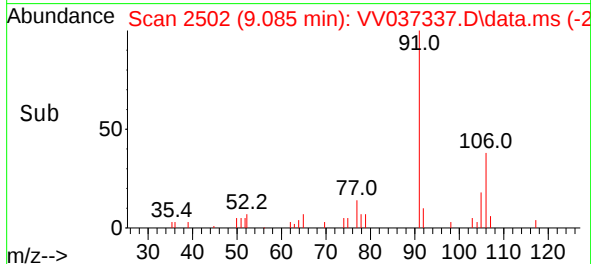
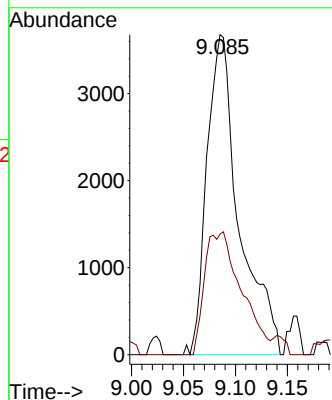
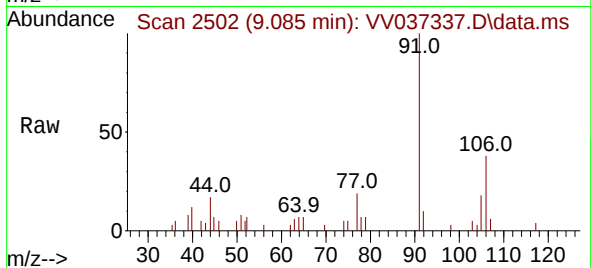




#52
Ethylbenzene
Concen: 0.076 ug/L
RT: 9.085 min Scan# 2457
Delta R.T. 0.145 min
Lab File: VV037337.D
Acq: 18 Sep 2024 16:30

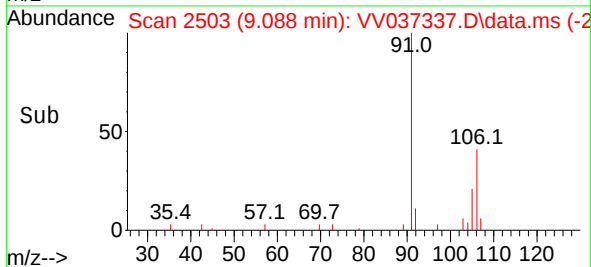
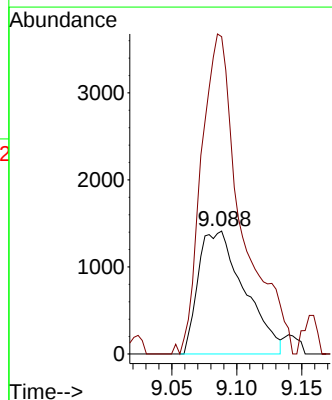
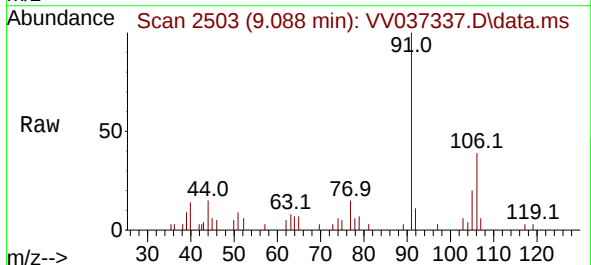
Instrument :
MSVOA_V
ClientSampleId :

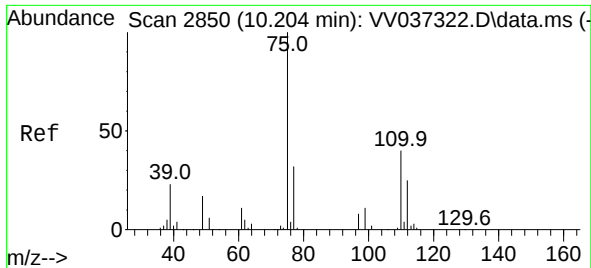
Tgt Ion: 91 Resp: 7912
Ion Ratio Lower Upper
91 100
106 37.7 21.7 40.3



#53
m,p-Xylene
Concen: 0.091 ug/L
RT: 9.088 min Scan# 2503
Delta R.T. 0.023 min
Lab File: VV037337.D
Acq: 18 Sep 2024 16:30

Tgt Ion: 106 Resp: 3479
Ion Ratio Lower Upper
106 100
91 258.2 143.3 266.1





#61

1,2,3-Trichloropropane

Concen: 1.460 ug/L

RT: 11.182 min Scan# 3154

Delta R.T. 0.978 min

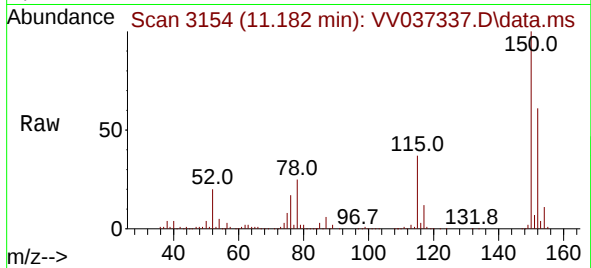
Lab File: VV037337.D

Acq: 18 Sep 2024 16:30

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 18192

Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

110 2.9 31.0 46.4#

