

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037332.D
 Acq On : 18 Sep 2024 14:32
 Operator : SY/MD
 Sample : P3988-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 01:23:07 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)

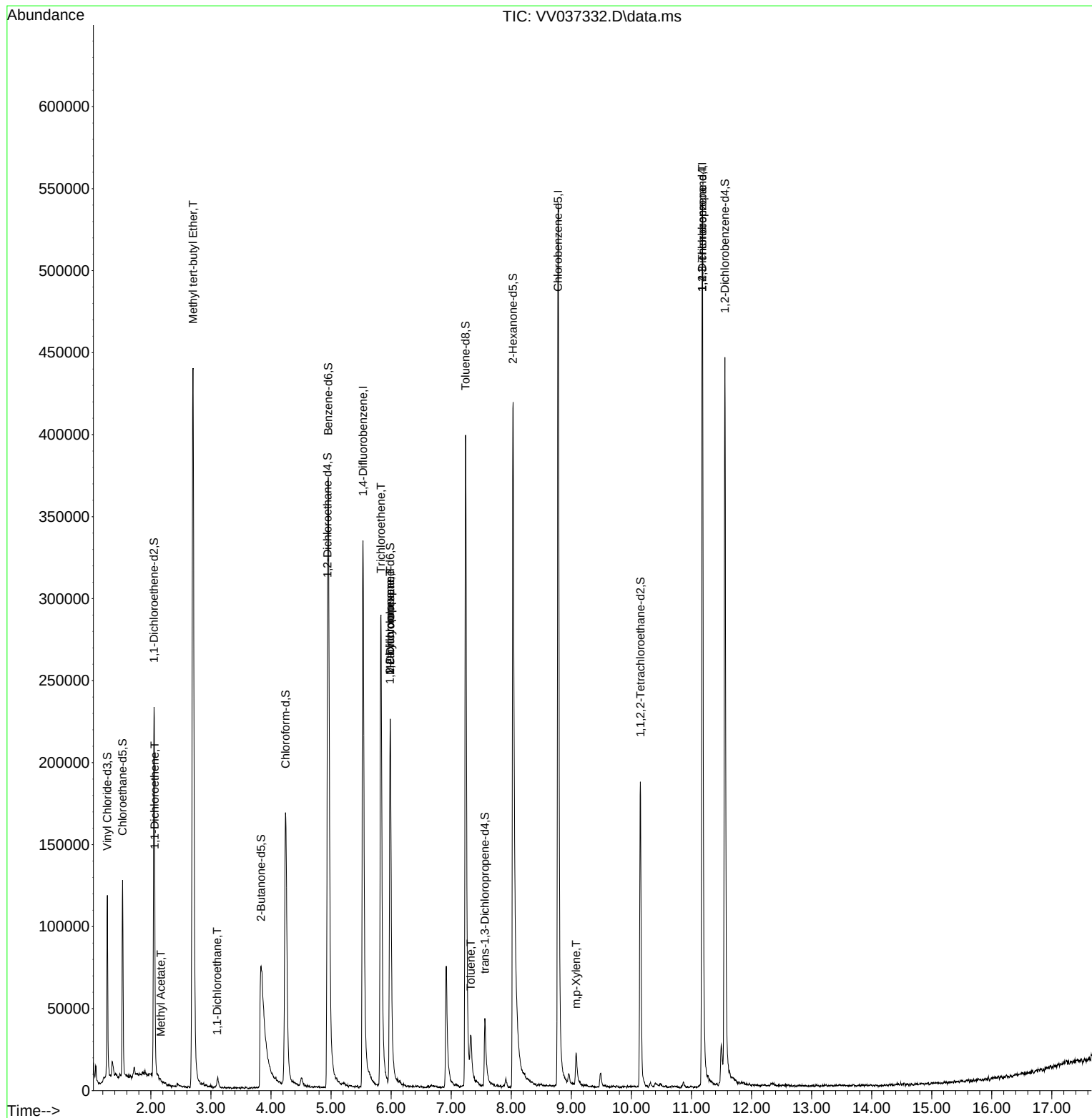
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	319961	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	328775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	149139	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	65989	3.515	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.529	69	77677	3.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.053	65	35148	3.626	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.834	46	232958	41.526	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.060%
24) Chloroform-d	4.243	84	188980	4.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	4.941	65	93685	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	4.953	84	347319	3.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	5.985	67	119707	4.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.400%
41) Toluene-d8	7.239	98	290497	3.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.561	79	29516	3.273	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.400%
46) 2-Hexanone-d5	8.027	63	176252	40.006	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.020%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	98659	4.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	119203	4.496	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.066	96	6995	0.312	ug/L #	1
15) Methyl Acetate	2.169	43	1947	0.218	ug/L #	49
17) Methyl tert-butyl Ether	2.703	73	464431	8.714	ug/L	99
19) 1,1-Dichloroethane	3.105	63	6150	0.137	ug/L	96
34) Trichloroethene	5.828	95	111920	4.193	ug/L	99
35) Methylcyclohexane	5.985	83	27989	0.690	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	12816	0.509	ug/L #	87
42) Toluene	7.326	91	24750	0.240	ug/L	96
53) m,p-Xylene	9.082	106	7069	0.167	ug/L	100
61) 1,2,3-Trichloropropane	11.181	75	18382	1.354	ug/L #	68

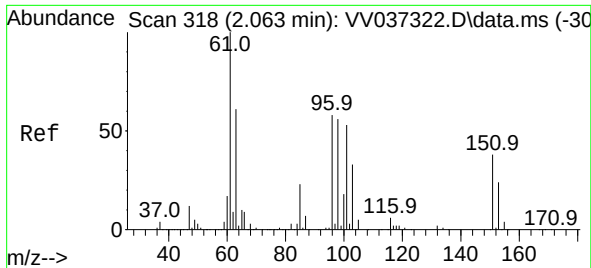
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 01:19:52 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.312 ug/L

RT: 2.066 min Scan# 318

Delta R.T. 0.003 min

Lab File: VV037332.D

Acq: 18 Sep 2024 14:32

Instrument :

MSVOA_V

ClientSampleId :

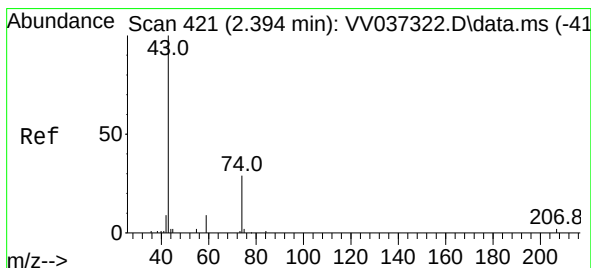
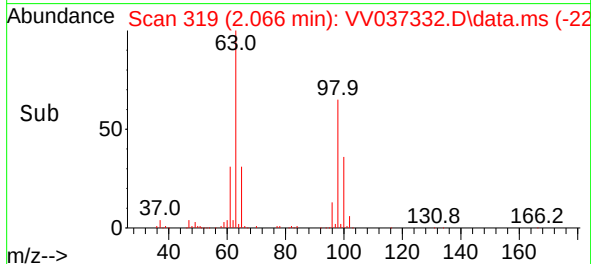
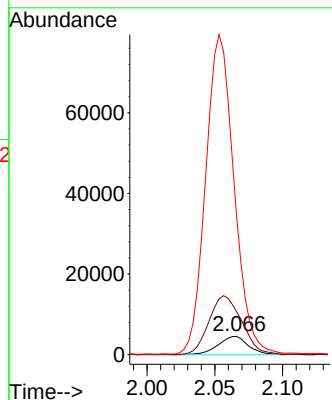
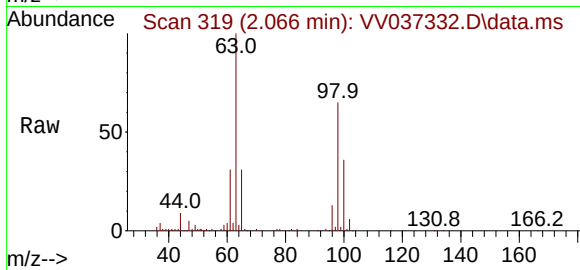
Tgt Ion: 96 Resp: 6995

Ion Ratio Lower Upper

96 100

61 234.6 119.9 222.7#

63 760.6 81.4 151.2#



#15

Methyl Acetate

Concen: 0.218 ug/L

RT: 2.169 min Scan# 351

Delta R.T. -0.225 min

Lab File: VV037332.D

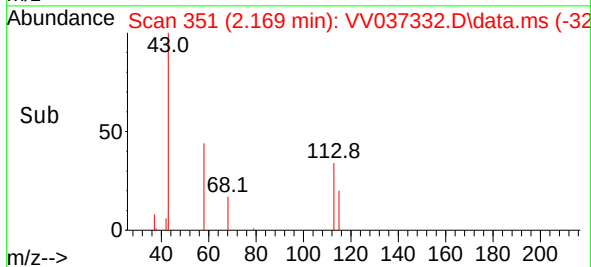
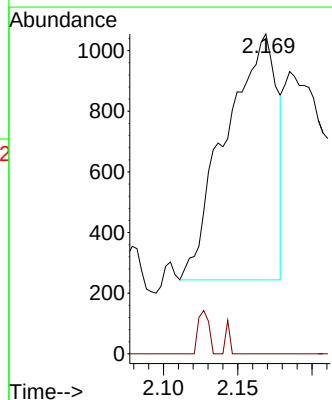
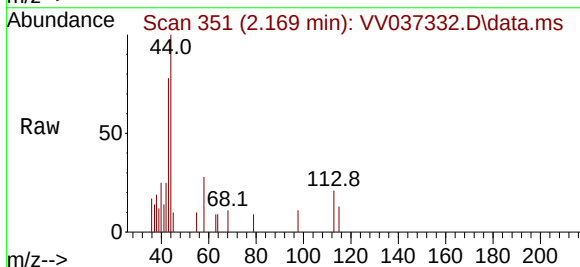
Acq: 18 Sep 2024 14:32

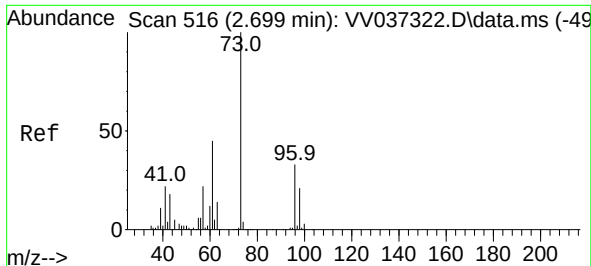
Tgt Ion: 43 Resp: 1947

Ion Ratio Lower Upper

43 100

74 0.0 21.0 31.4#





#17

Methyl tert-butyl Ether

Concen: 8.714 ug/L

RT: 2.703 min Scan# 516

Delta R.T. 0.003 min

Lab File: VV037332.D

Acq: 18 Sep 2024 14:32

Instrument :

MSVOA_V

ClientSampleId :

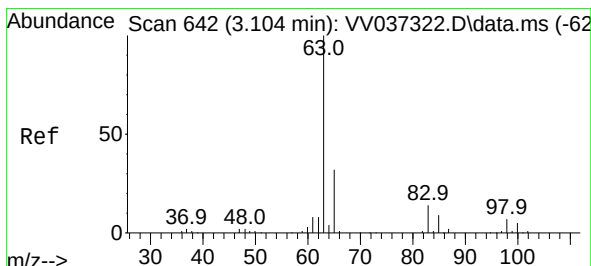
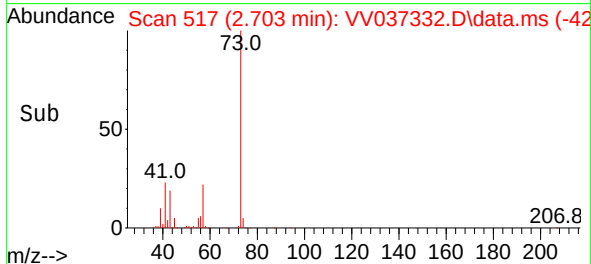
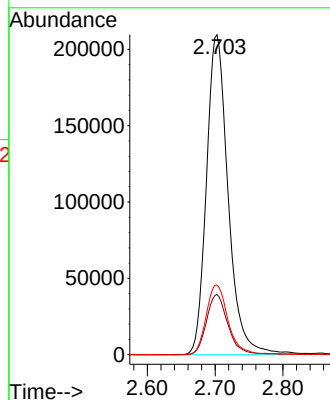
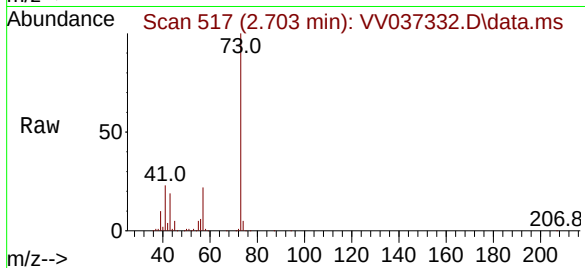
Tgt Ion: 73 Resp: 464431

Ion Ratio Lower Upper

73 100

43 18.7 14.5 21.7

57 21.9 17.7 26.5



#19

1,1-Dichloroethane

Concen: 0.137 ug/L

RT: 3.105 min Scan# 642

Delta R.T. 0.000 min

Lab File: VV037332.D

Acq: 18 Sep 2024 14:32

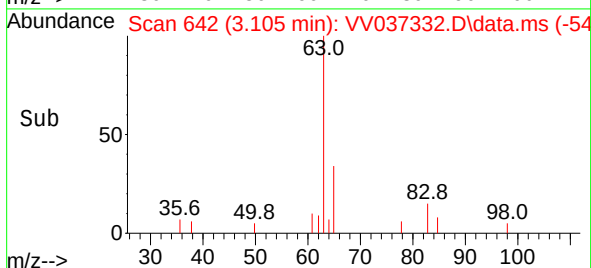
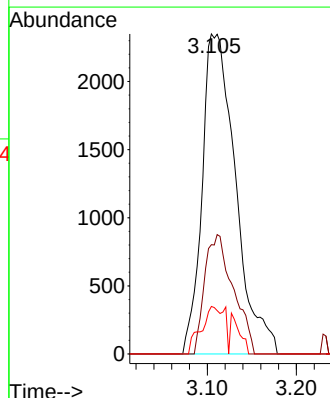
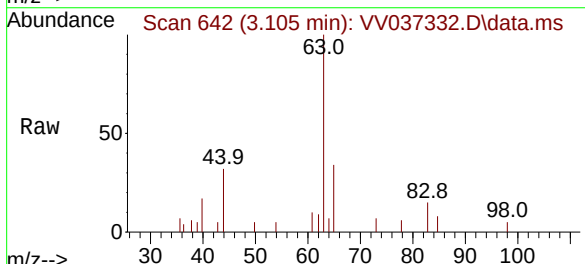
Tgt Ion: 63 Resp: 6150

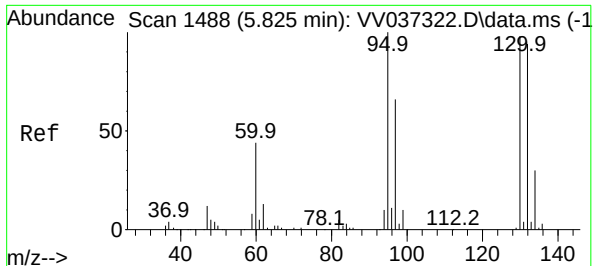
Ion Ratio Lower Upper

63 100

65 34.2 22.5 41.7

83 14.9 8.9 16.5





#34

Trichloroethene

Concen: 4.193 ug/L

RT: 5.828 min Scan# 1488

Delta R.T. 0.003 min

Lab File: VV037332.D

Acq: 18 Sep 2024 14:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 111920

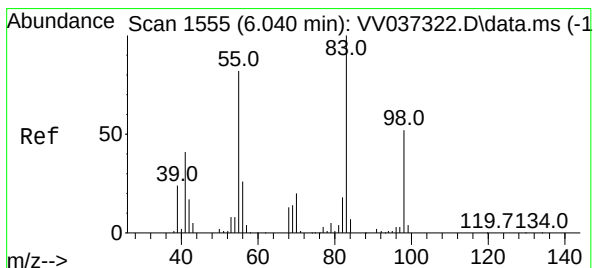
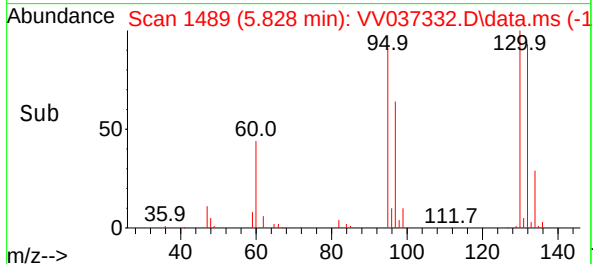
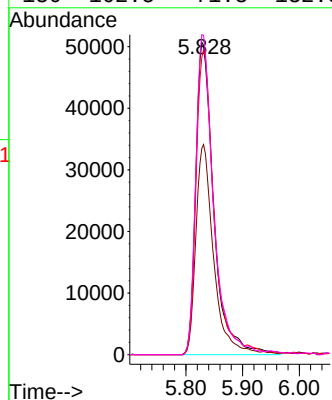
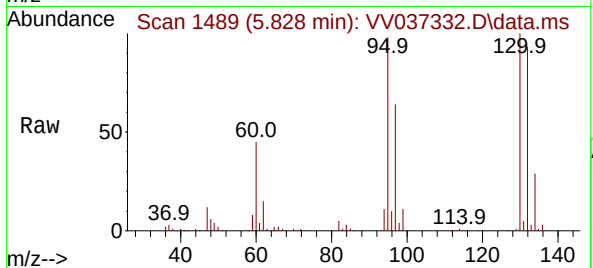
Ion Ratio Lower Upper

95 100

97 66.0 46.5 86.5

132 95.1 65.5 121.7

130 102.5 71.3 132.3



#35

Methylcyclohexane

Concen: 0.690 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.055 min

Lab File: VV037332.D

Acq: 18 Sep 2024 14:32

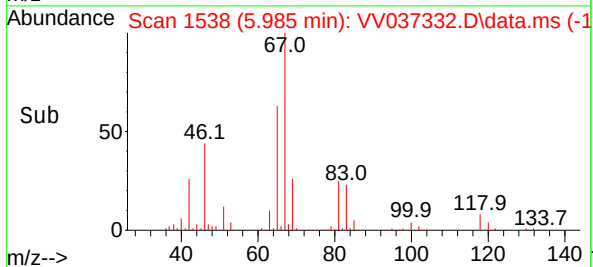
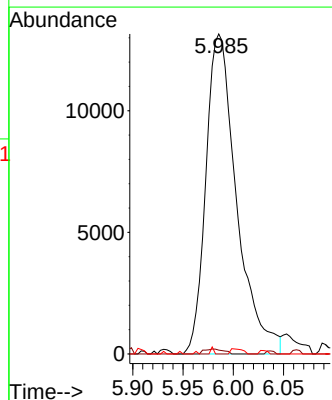
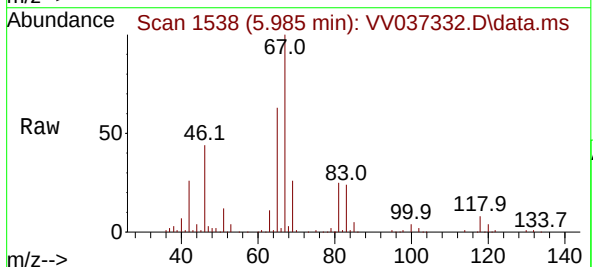
Tgt Ion: 83 Resp: 27989

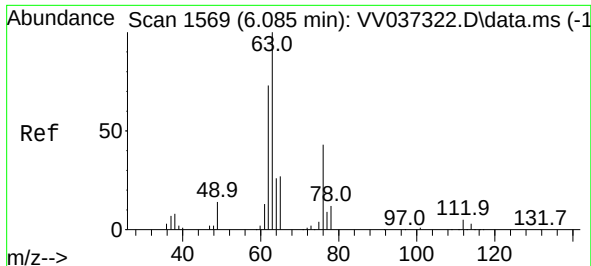
Ion Ratio Lower Upper

83 100

55 1.0 60.3 90.5#

98 0.6 38.2 57.4#

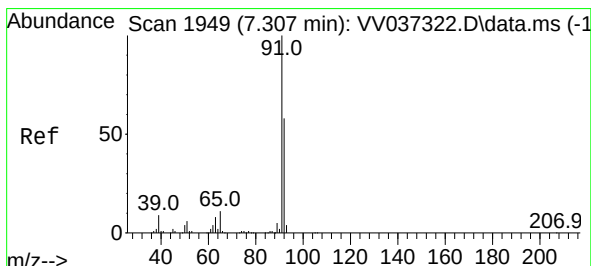
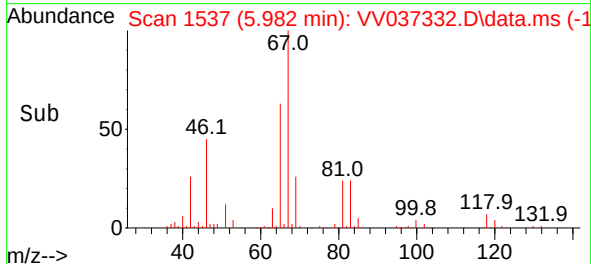
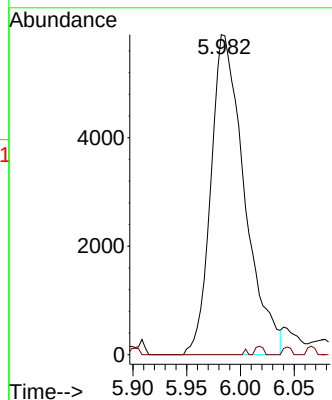
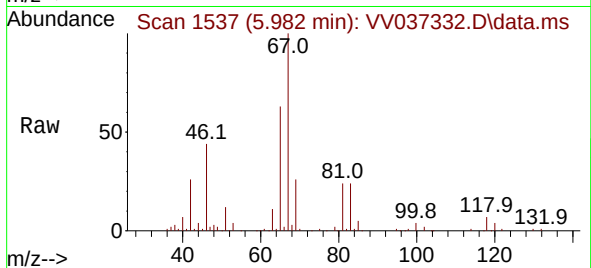




#37
1,2-Dichloropropane
Concen: 0.509 ug/L
RT: 5.982 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV037332.D
Acq: 18 Sep 2024 14:32

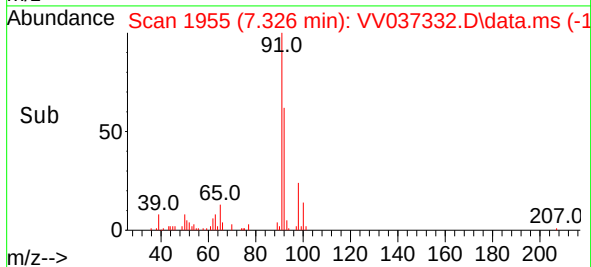
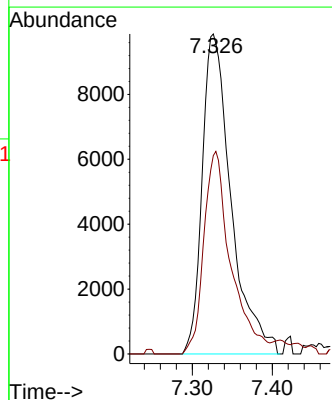
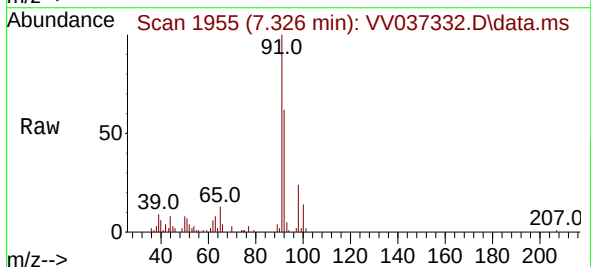
Instrument :
MSVOA_V
ClientSampleId :

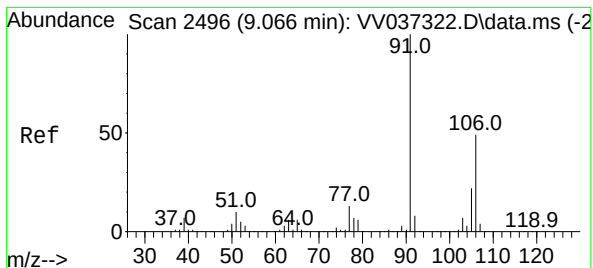
Tgt Ion: 63 Resp: 12816
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



#42
Toluene
Concen: 0.240 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.019 min
Lab File: VV037332.D
Acq: 18 Sep 2024 14:32

Tgt Ion: 91 Resp: 24750
Ion Ratio Lower Upper
91 100
92 62.0 41.4 77.0





#53

m,p-Xylene

Concen: 0.167 ug/L

RT: 9.082 min Scan# 2496

Delta R.T. 0.016 min

Lab File: VV037332.D

Acq: 18 Sep 2024 14:32

Instrument :

MSVOA_V

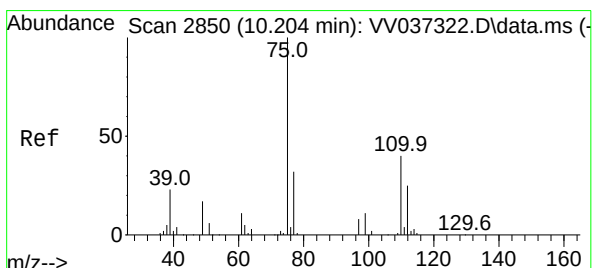
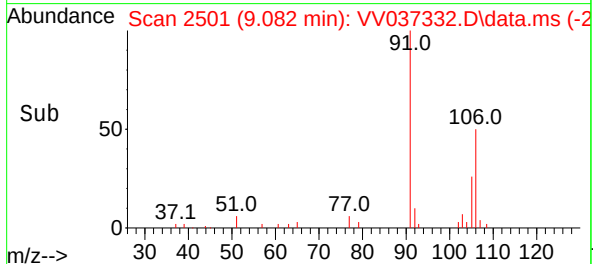
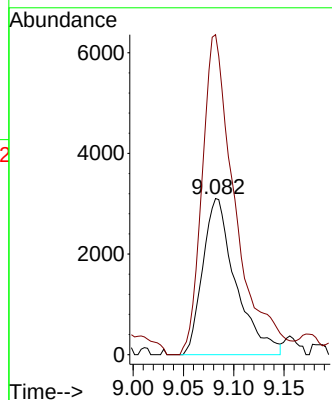
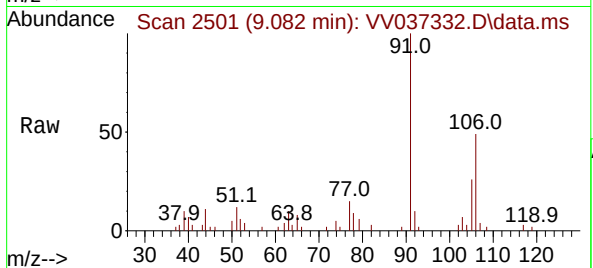
ClientSampleId :

Tgt Ion:106 Resp: 7069

Ion Ratio Lower Upper

106 100

91 204.9 143.3 266.1



#61

1,2,3-Trichloropropane

Concen: 1.354 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.978 min

Lab File: VV037332.D

Acq: 18 Sep 2024 14:32

Tgt Ion: 75 Resp: 18382

Ion Ratio Lower Upper

75 100

77 32.2 25.6 38.4

110 3.4 31.0 46.4#

