

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037380.D
 Acq On : 19 Sep 2024 14:13
 Operator : SY/MD
 Sample : P3988-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 01:57:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:54:17 2024
 Response via : Initial Calibration

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

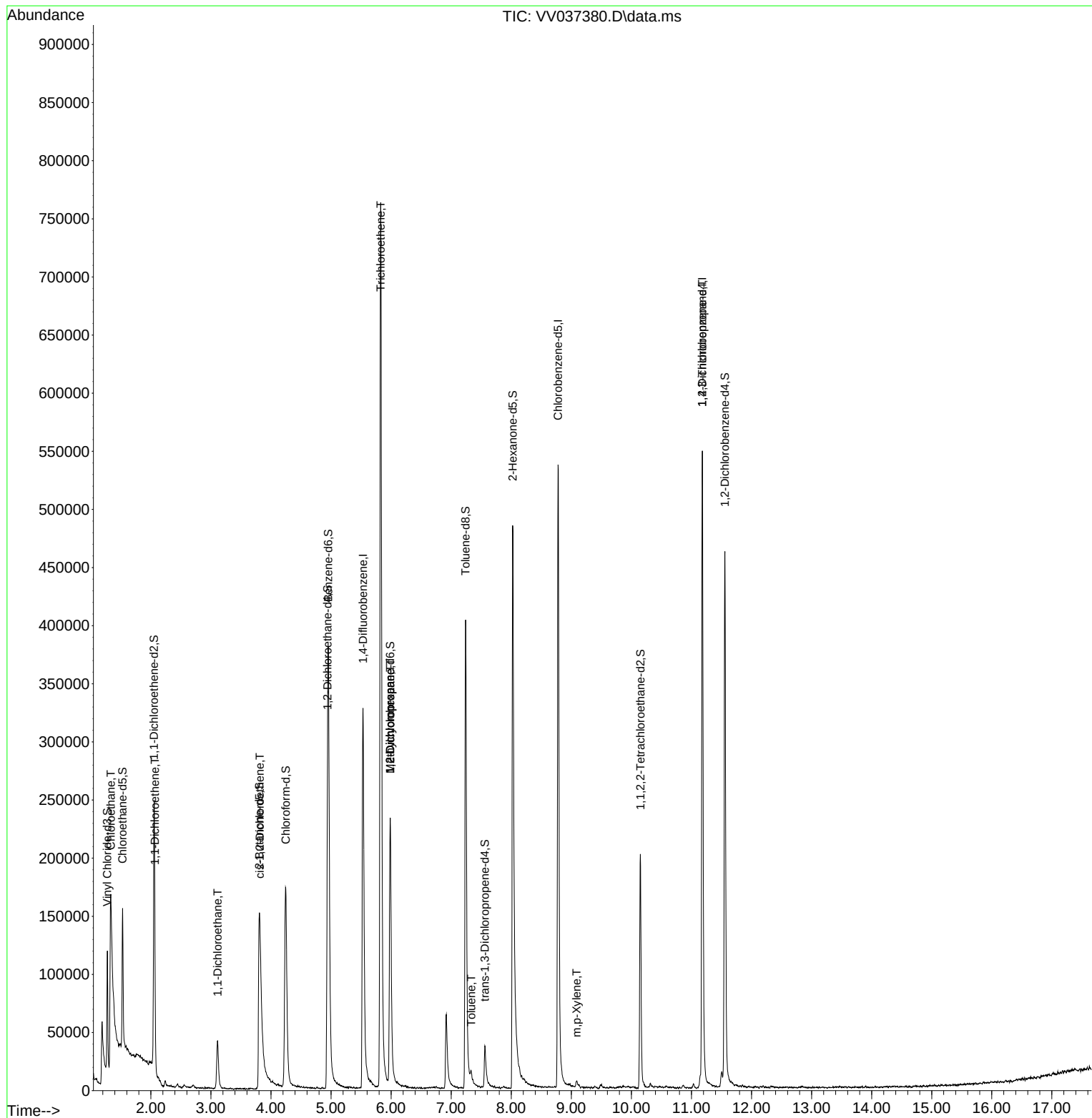
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	312578	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	316797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	146310	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	64358	3.509	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.200%
7) Chloroethane-d5	1.529	69	78207	4.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.053	65	36043	3.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.200%
20) 2-Butanone-d5	3.806	46	241485	44.063	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.120%
24) Chloroform-d	4.246	84	197304	4.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	4.941	65	94965	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	4.953	84	359922	4.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	5.986	67	121820	4.612	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.239	98	292619	3.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.561	79	25594	2.946	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.000%
46) 2-Hexanone-d5	8.024	63	204086	48.075	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.160%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	103606	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	123489	4.747	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						Qvalue
8) Chloroethane	1.333	64	347031	18.953	ug/L #	51
12) 1,1-Dichloroethene	2.066	96	11184	0.511	ug/L #	1
19) 1,1-Dichloroethane	3.111	63	42894	0.975	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	6444	0.259	ug/L	84
34) Trichloroethene	5.825	95	290607	11.298	ug/L	98
35) Methylcyclohexane	5.986	83	29370	0.751	ug/L #	20
37) 1,2-Dichloropropane	5.986	63	13423	0.553	ug/L #	87
42) Toluene	7.333	91	8448	0.085	ug/L	98
53) m,p-Xylene	9.088	106	2506	0.061	ug/L	77
61) 1,2,3-Trichloropropane	11.181	75	18292	1.374	ug/L #	65

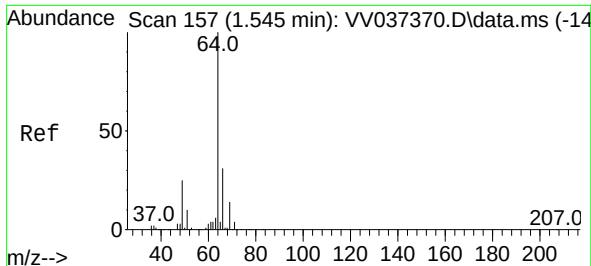
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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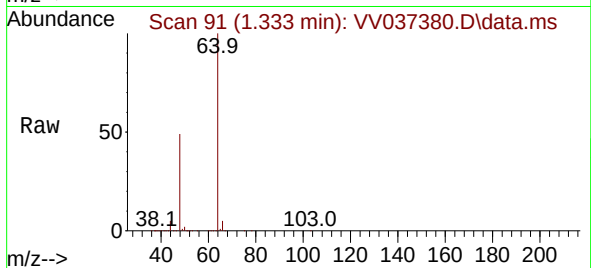
Quant Time: Sep 20 01:57:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
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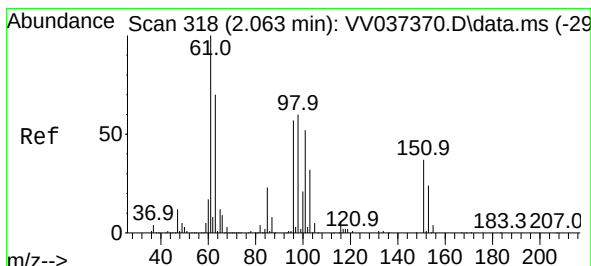
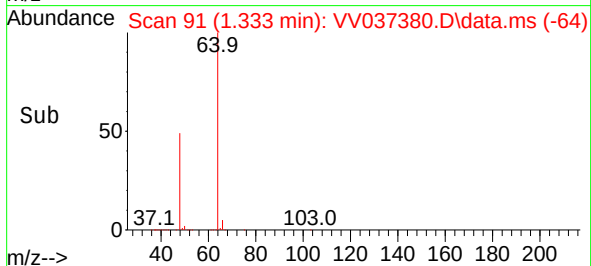
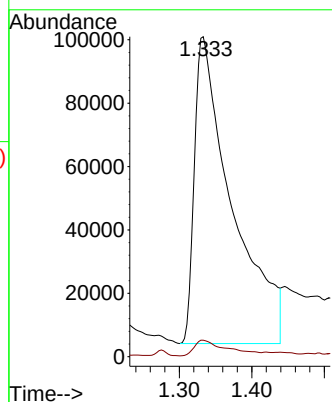


#8
Chloroethane
Concen: 18.953 ug/L
RT: 1.333 min Scan# 91
Delta R.T. -0.212 min
Lab File: VV037380.D
Acq: 19 Sep 2024 14:13

Instrument :
MSVOA_V
ClientSampleId :

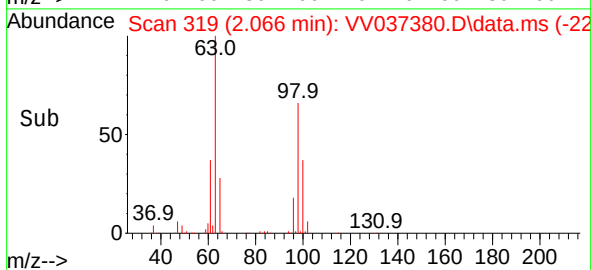
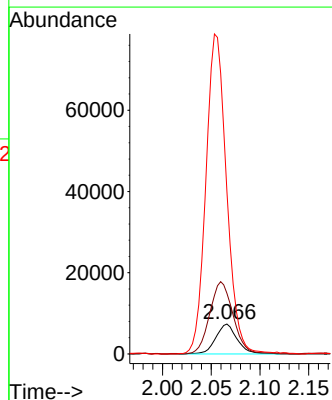
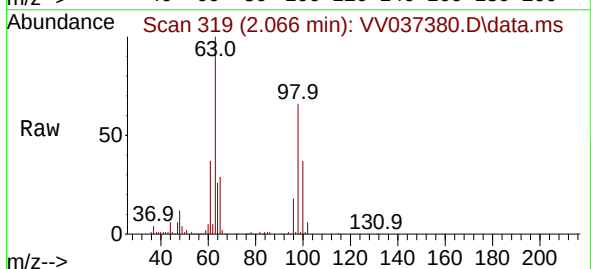


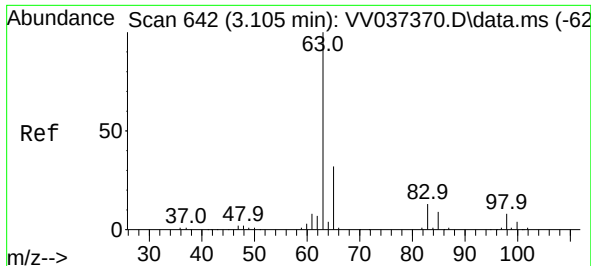
Tgt Ion: 64 Resp: 347031
Ion Ratio Lower Upper
64 100
66 5.1 22.7 42.1#



#12
1,1-Dichloroethene
Concen: 0.511 ug/L
RT: 2.066 min Scan# 319
Delta R.T. 0.003 min
Lab File: VV037380.D
Acq: 19 Sep 2024 14:13

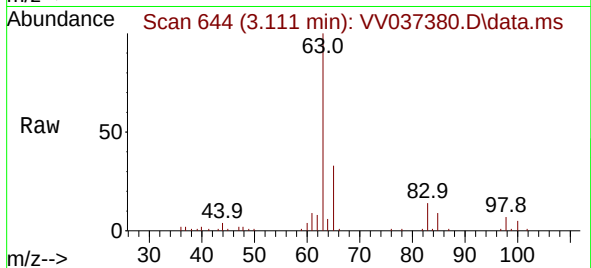
Tgt Ion: 96 Resp: 11184
Ion Ratio Lower Upper
96 100
61 202.4 119.9 222.7
63 542.9 81.4 151.2#



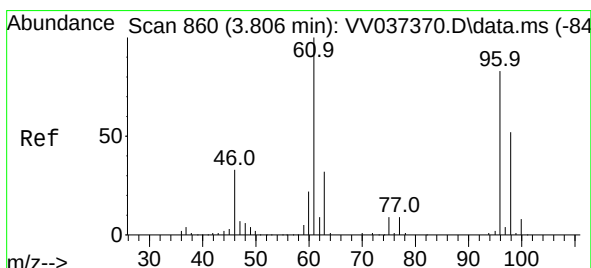
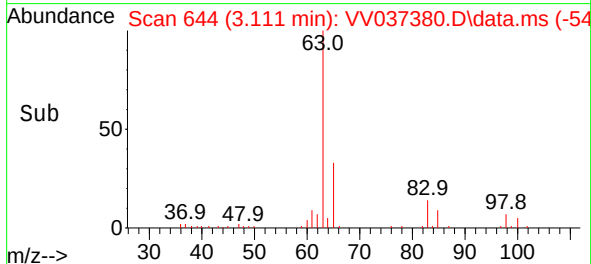
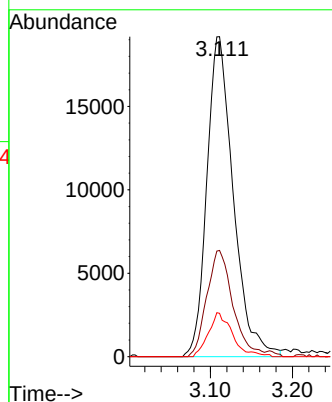


#19
1,1-Dichloroethane
Concen: 0.975 ug/L
RT: 3.111 min Scan# 642
Delta R.T. 0.006 min
Lab File: VV037380.D
Acq: 19 Sep 2024 14:13

Instrument :
MSVOA_V
ClientSampleId :

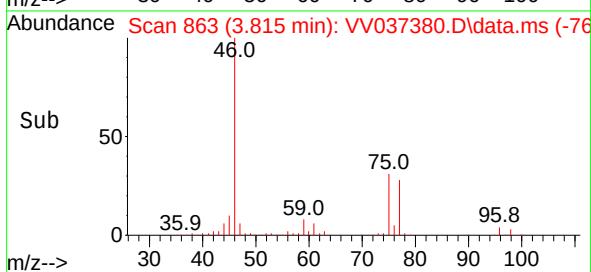
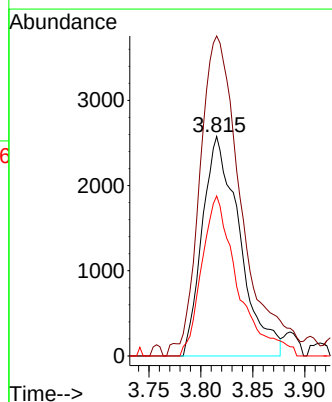
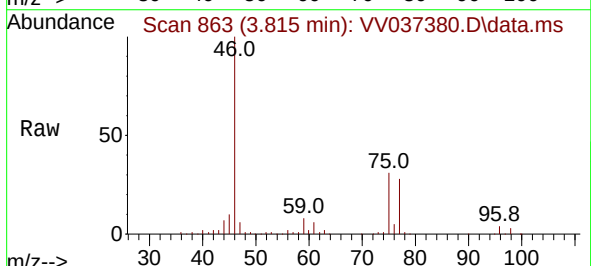


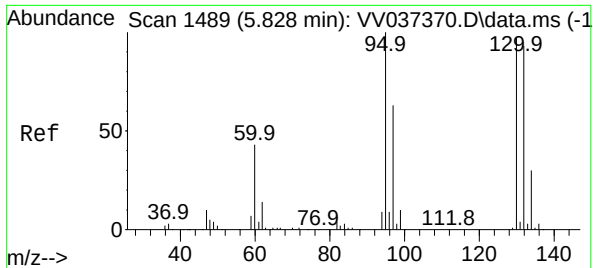
Tgt Ion: 63 Resp: 42894
Ion Ratio Lower Upper
63 100
65 33.2 22.5 41.7
83 13.5 8.9 16.5



#22
cis-1,2-Dichloroethene
Concen: 0.259 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.010 min
Lab File: VV037380.D
Acq: 19 Sep 2024 14:13

Tgt Ion: 96 Resp: 6444
Ion Ratio Lower Upper
96 100
61 145.8 87.6 162.6
98 72.9 44.9 83.5

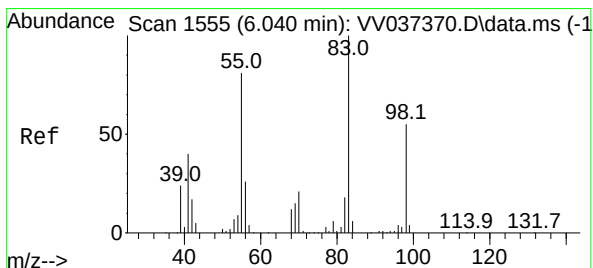
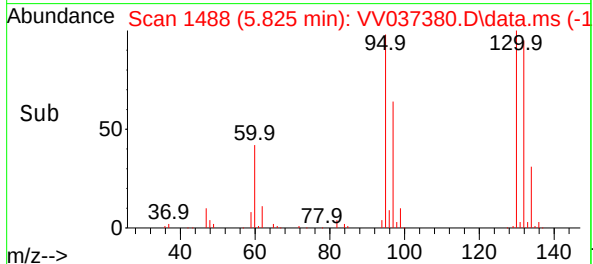
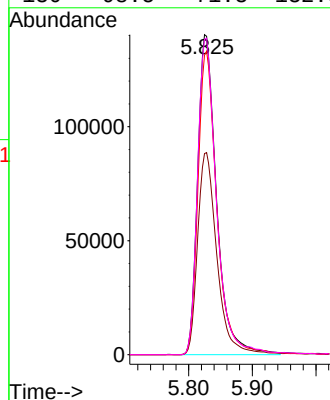
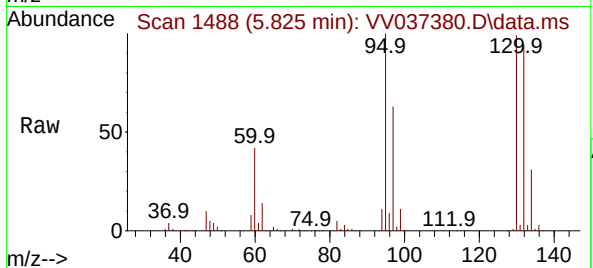




#34
Trichloroethene
Concen: 11.298 ug/L
RT: 5.825 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV037380.D
Acq: 19 Sep 2024 14:13

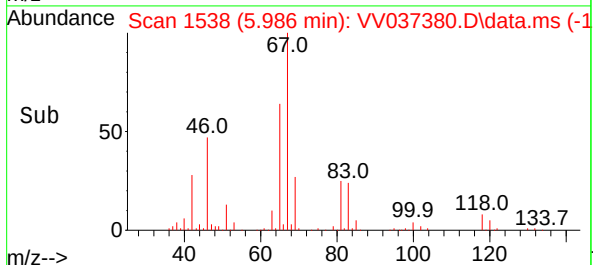
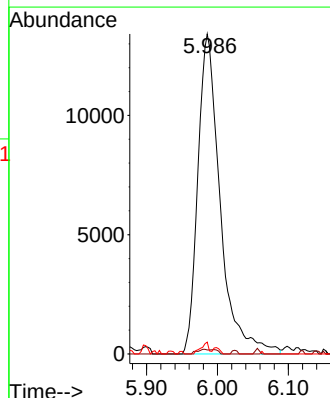
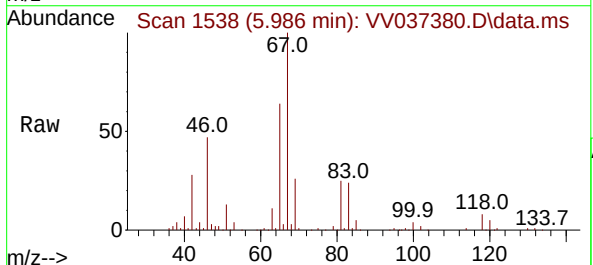
Instrument :
MSVOA_V
ClientSampleId :

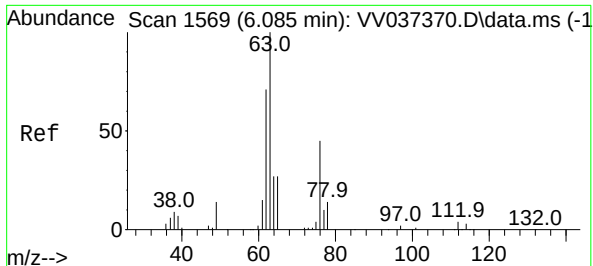
Tgt Ion: 95 Resp: 290607
Ion Ratio Lower Upper
95 100
97 62.9 46.5 86.5
132 93.6 65.5 121.7
130 98.5 71.3 132.3



#35
Methylcyclohexane
Concen: 0.751 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.055 min
Lab File: VV037380.D
Acq: 19 Sep 2024 14:13

Tgt Ion: 83 Resp: 29370
Ion Ratio Lower Upper
83 100
55 0.8 60.3 90.5#
98 1.3 38.2 57.4#

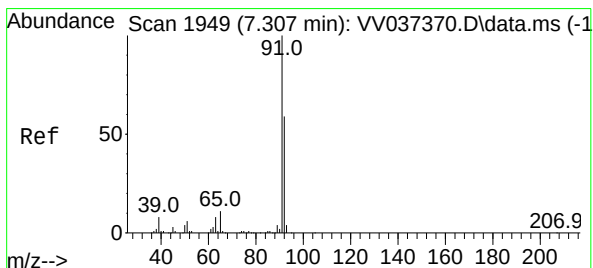
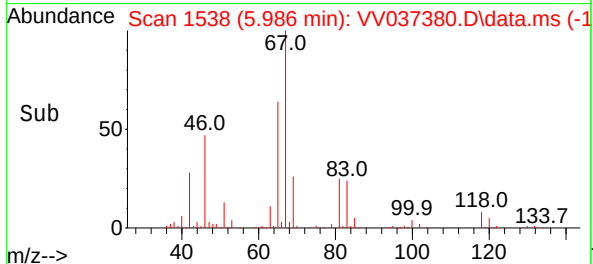
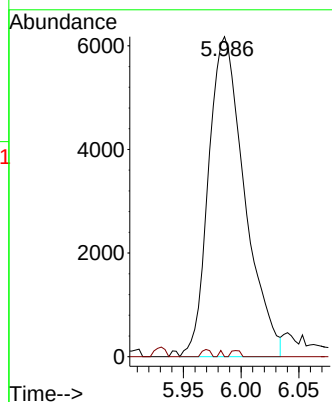
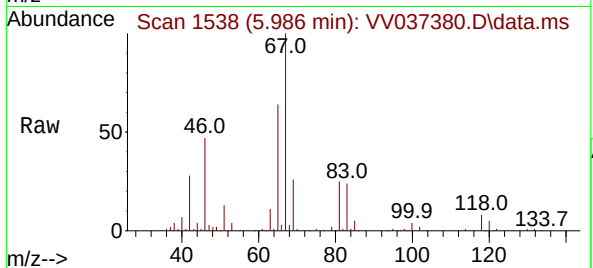




#37
1,2-Dichloropropane
Concen: 0.553 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.100 min
Lab File: VV037380.D
Acq: 19 Sep 2024 14:13

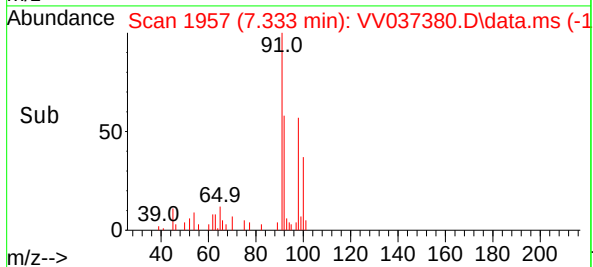
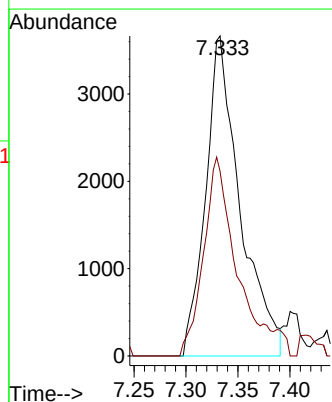
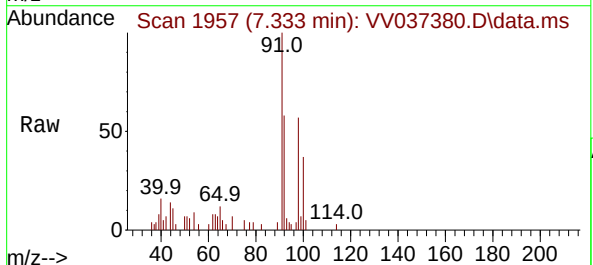
Instrument :
MSVOA_V
ClientSampleId :

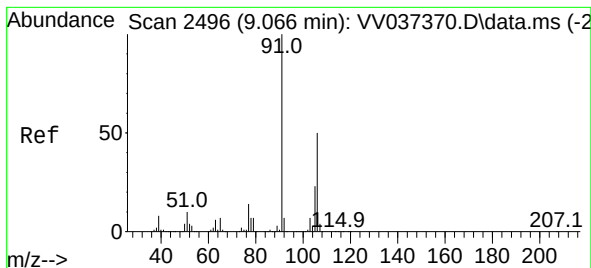
Tgt Ion: 63 Resp: 13423
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



#42
Toluene
Concen: 0.085 ug/L
RT: 7.333 min Scan# 1957
Delta R.T. 0.026 min
Lab File: VV037380.D
Acq: 19 Sep 2024 14:13

Tgt Ion: 91 Resp: 8448
Ion Ratio Lower Upper
91 100
92 57.8 41.4 77.0





#53

m,p-Xylene

Concen: 0.061 ug/L

RT: 9.088 min Scan# 21

Delta R.T. 0.022 min

Lab File: VV037380.D

Acq: 19 Sep 2024 14:13

Instrument :

MSVOA_V

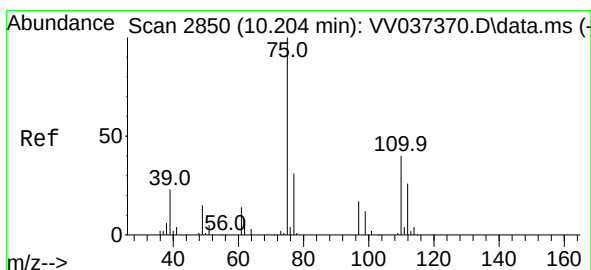
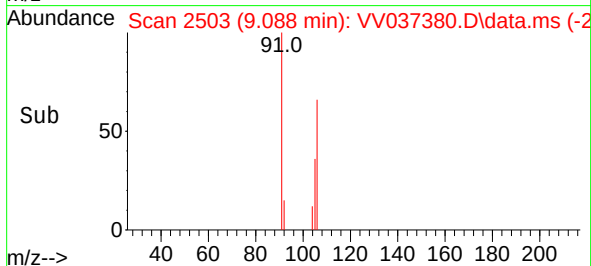
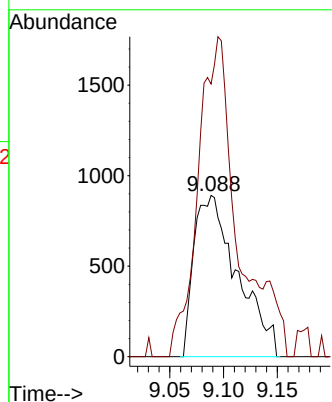
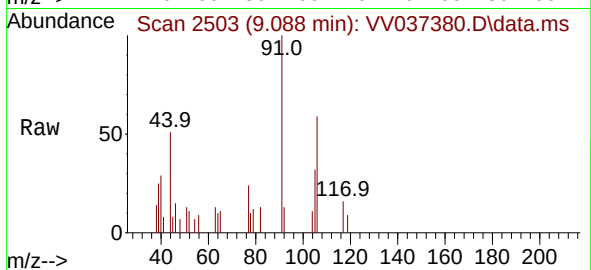
ClientSampleId :

Tgt Ion:106 Resp: 2506

Ion Ratio Lower Upper

106 100

91 169.0 143.3 266.1



#61

1,2,3-Trichloropropane

Concen: 1.374 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.977 min

Lab File: VV037380.D

Acq: 19 Sep 2024 14:13

Tgt Ion: 75 Resp: 18292

Ion Ratio Lower Upper

75 100

77 34.3 25.6 38.4

110 2.2 31.0 46.4#

