

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037344.D
 Acq On : 18 Sep 2024 19:19
 Operator : SY/MD
 Sample : P3986-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 19 03:58:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 02:54:38 2024
 Response via : Initial Calibration

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

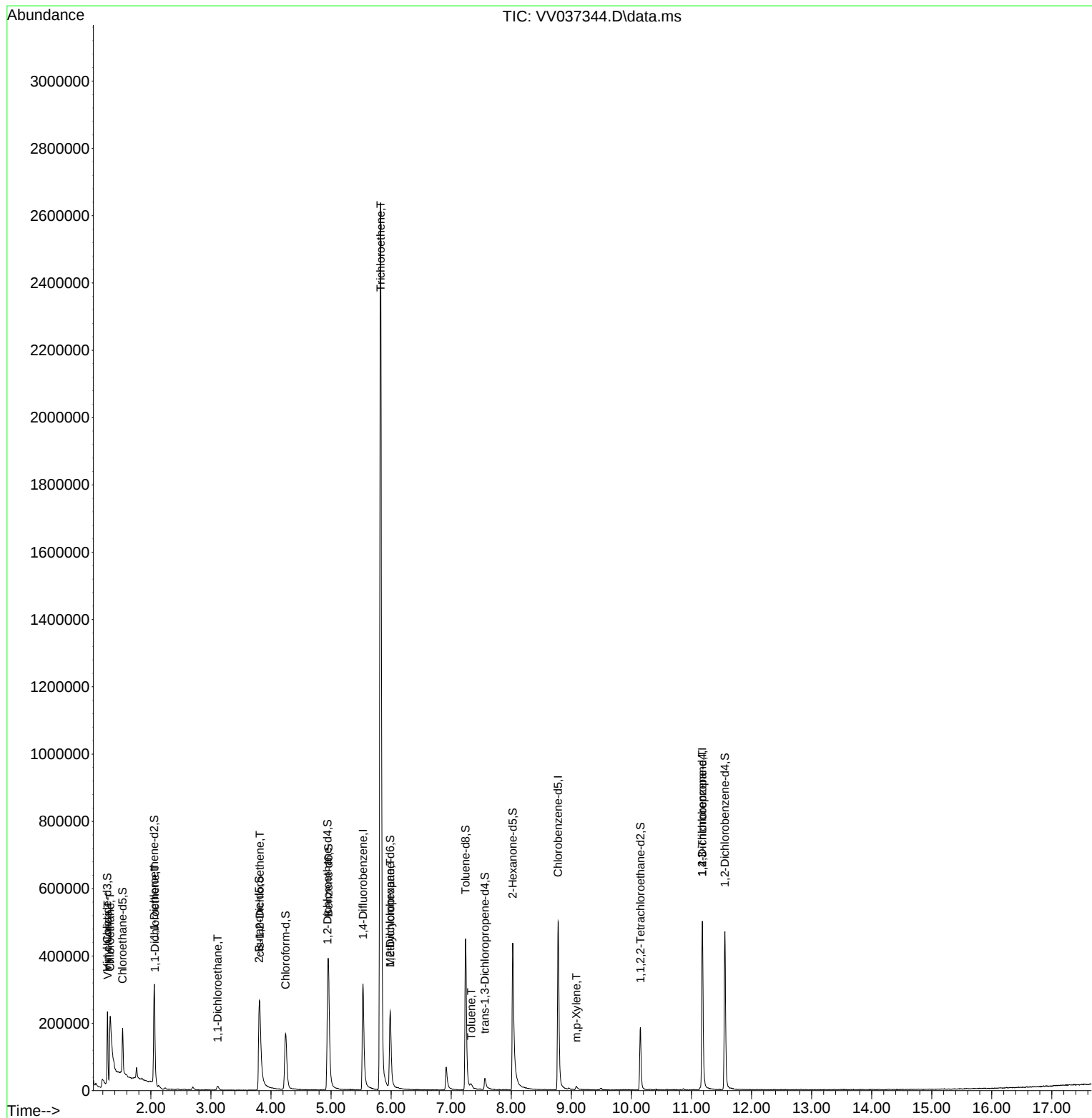
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	296448	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	302793	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	137199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	104908	6.032	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.600%
7) Chloroethane-d5	1.529	69	86429	4.766	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.056	65	44479	4.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	3.802	46	198809	38.250	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.500%
24) Chloroform-d	4.243	84	192209	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	4.941	65	94018	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	4.957	84	373231	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	5.986	67	121188	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.239	98	323819	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	7.561	79	26952	3.245	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.000%
46) 2-Hexanone-d5	8.024	63	177038	43.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.260%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	97168	4.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	122113	5.006	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
5) Vinyl chloride	1.282	62	38368	1.329	ug/L #	81
8) Chloroethane	1.323	64	436657	25.146	ug/L #	50
12) 1,1-Dichloroethene	2.066	96	16958	0.816	ug/L #	1
19) 1,1-Dichloroethane	3.111	63	12788	0.306	ug/L	92
22) cis-1,2-Dichloroethene	3.812	96	87897	3.720	ug/L	98
34) Trichloroethene	5.825	95	968672	39.401	ug/L	98
35) Methylcyclohexane	5.986	83	27686	0.741	ug/L #	21
42) Toluene	7.333	91	12928	0.136	ug/L	98
53) m,p-Xylene	9.085	106	3006	0.077	ug/L	83
61) 1,2,3-Trichloropropane	11.181	75	16881	1.352	ug/L #	64

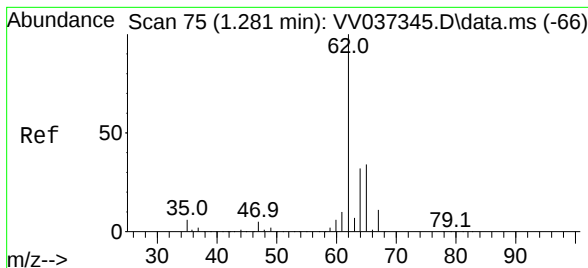
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
Data File : VV037344.D
Acq On : 18 Sep 2024 19:19
Operator : SY/MD
Sample : P3986-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 19 03:58:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 02:54:38 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.329 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV037344.D

Acq: 18 Sep 2024 19:19

Instrument :

MSVOA_V

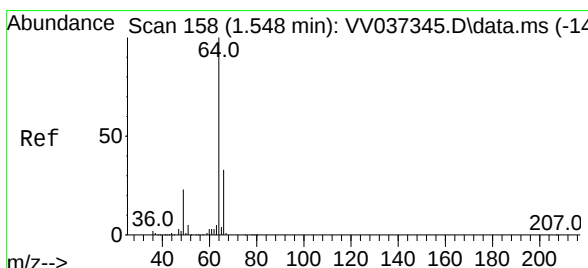
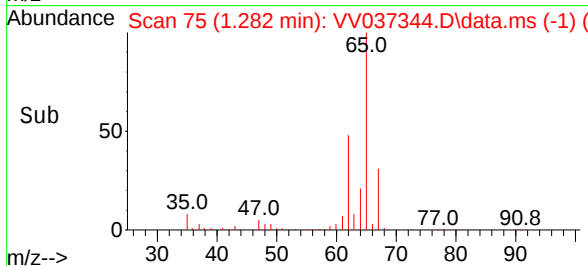
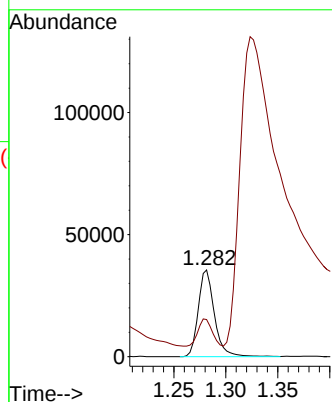
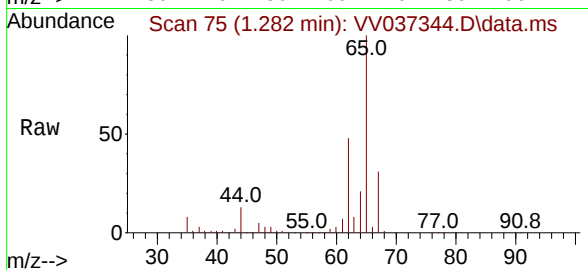
ClientSampleId :

Tgt Ion: 62 Resp: 38368

Ion Ratio Lower Upper

62 100

64 42.9 22.4 41.6#



#8

Chloroethane

Concen: 25.146 ug/L

RT: 1.323 min Scan# 88

Delta R.T. -0.225 min

Lab File: VV037344.D

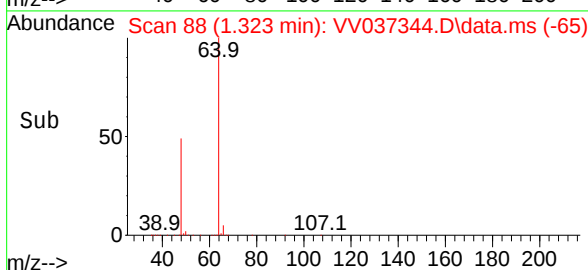
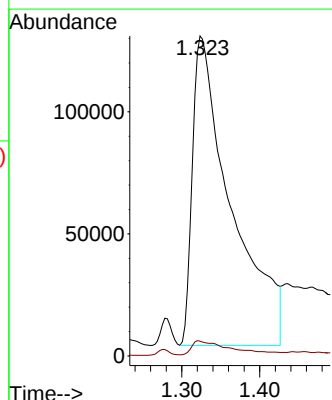
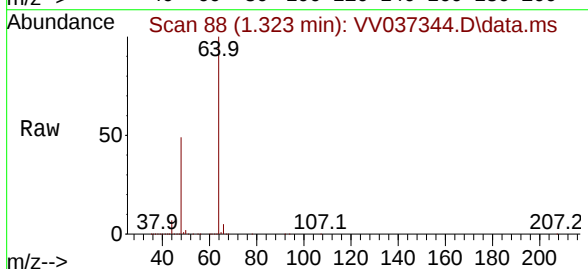
Acq: 18 Sep 2024 19:19

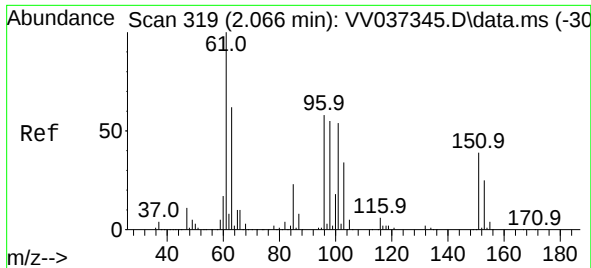
Tgt Ion: 64 Resp: 436657

Ion Ratio Lower Upper

64 100

66 4.6 22.7 42.1#





#12

1,1-Dichloroethene

Concen: 0.816 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV037344.D

Acq: 18 Sep 2024 19:19

Instrument :

MSVOA_V

ClientSampleId :

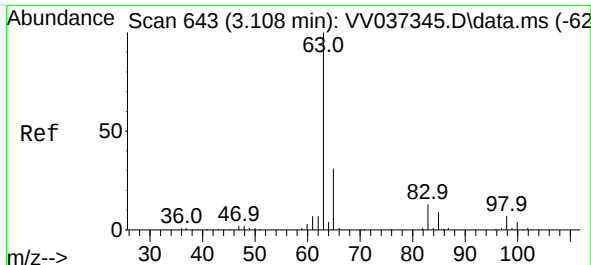
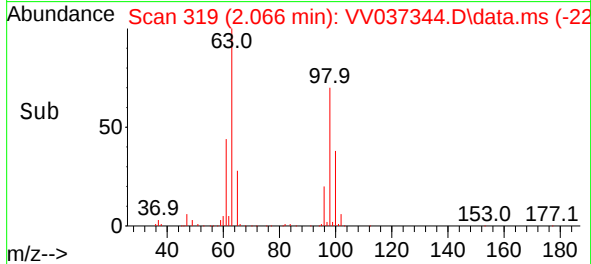
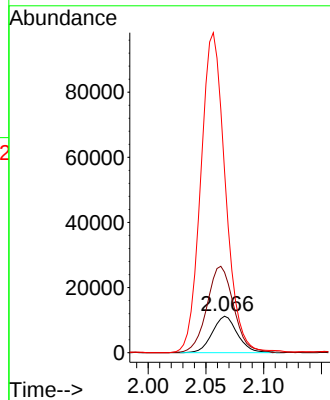
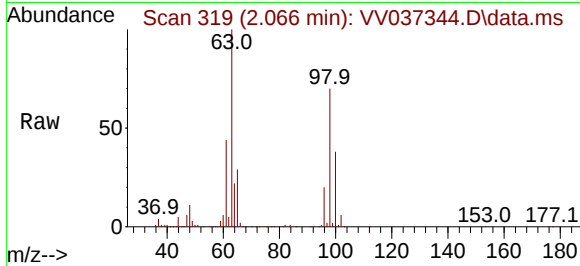
Tgt Ion: 96 Resp: 16958

Ion Ratio Lower Upper

96 100

61 220.7 119.9 222.7

63 499.3 81.4 151.2#



#19

1,1-Dichloroethane

Concen: 0.306 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.003 min

Lab File: VV037344.D

Acq: 18 Sep 2024 19:19

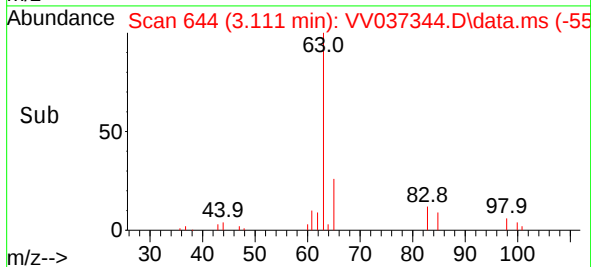
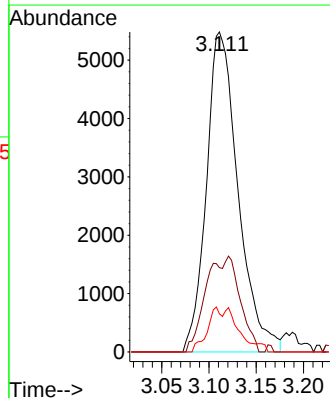
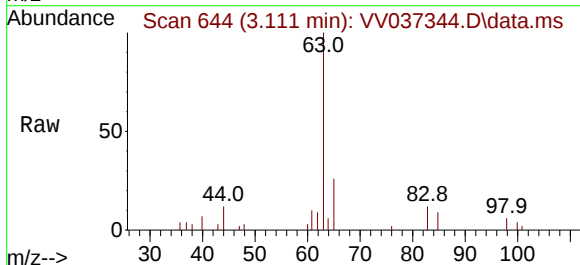
Tgt Ion: 63 Resp: 12788

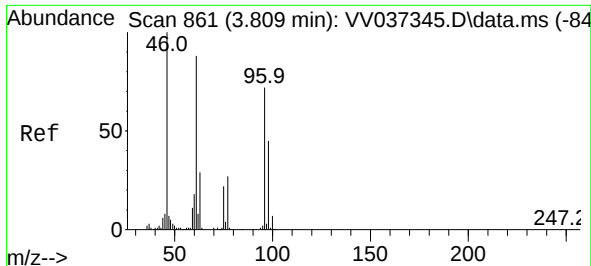
Ion Ratio Lower Upper

63 100

65 26.3 22.5 41.7

83 11.9 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 3.720 ug/L

RT: 3.812 min Scan# 861

Delta R.T. 0.003 min

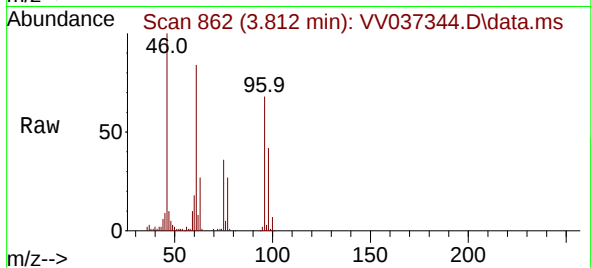
Lab File: VV037344.D

Acq: 18 Sep 2024 19:19

Instrument :

MSVOA_V

ClientSampleId :



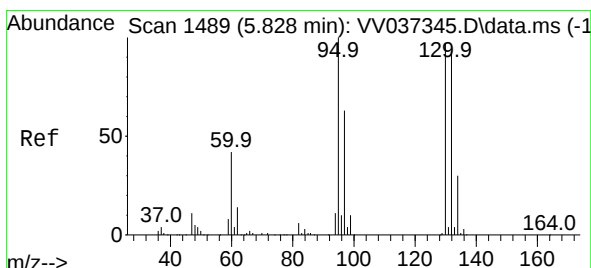
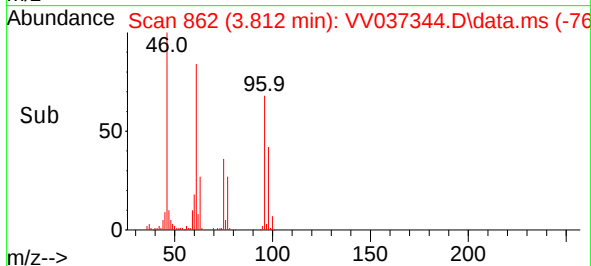
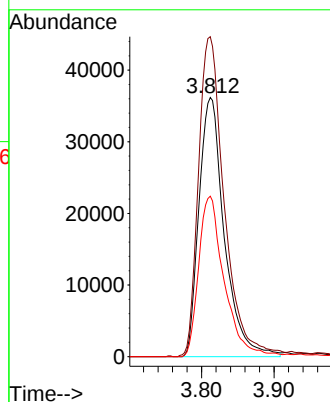
Tgt Ion: 96 Resp: 87897

Ion Ratio Lower Upper

96 100

61 123.4 87.6 162.6

98 61.9 44.9 83.5



#34

Trichloroethene

Concen: 39.401 ug/L

RT: 5.825 min Scan# 1488

Delta R.T. -0.003 min

Lab File: VV037344.D

Acq: 18 Sep 2024 19:19

Tgt Ion: 95 Resp: 968672

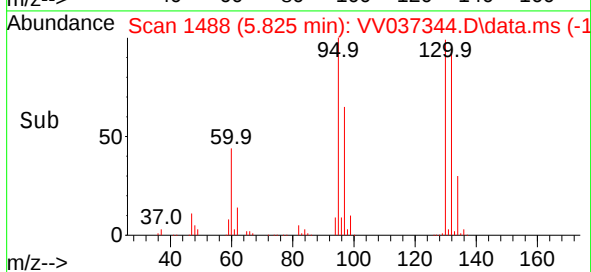
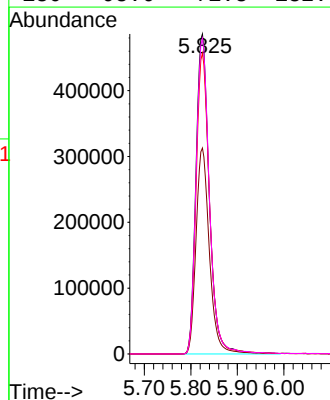
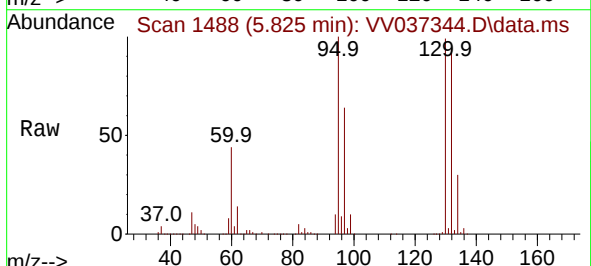
Ion Ratio Lower Upper

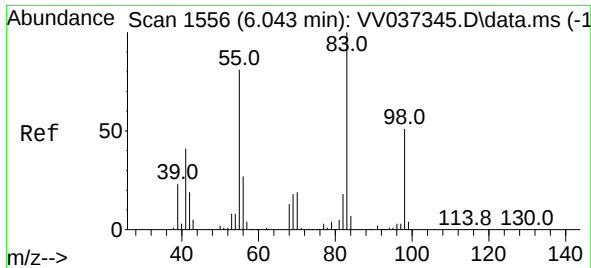
95 100

97 64.3 46.5 86.5

132 94.0 65.5 121.7

130 98.6 71.3 132.3





#35

Methylcyclohexane

Concen: 0.741 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV037344.D

Acq: 18 Sep 2024 19:19

Instrument :

MSVOA_V

ClientSampleId :

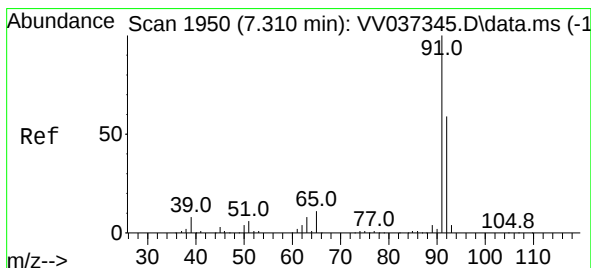
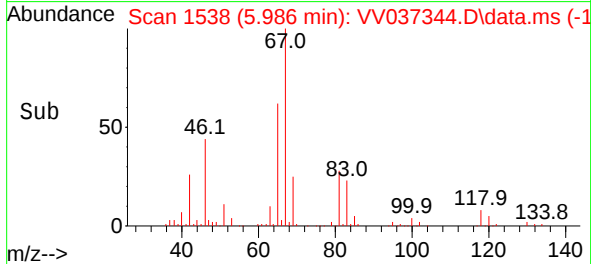
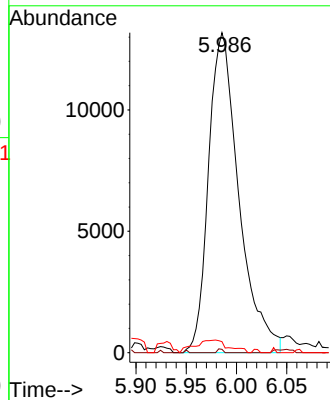
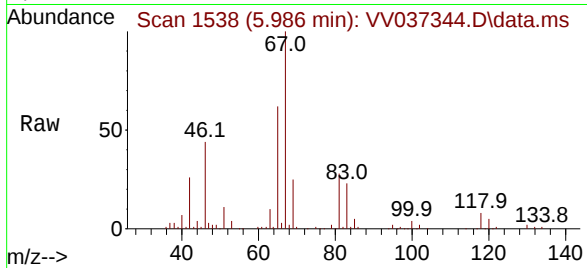
Tgt Ion: 83 Resp: 27686

Ion Ratio Lower Upper

83 100

55 0.2 60.3 90.5#

98 4.3 38.2 57.4#



#42

Toluene

Concen: 0.136 ug/L

RT: 7.333 min Scan# 1957

Delta R.T. 0.023 min

Lab File: VV037344.D

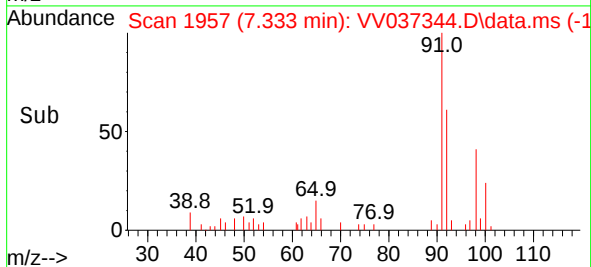
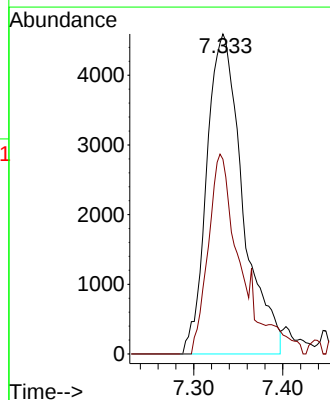
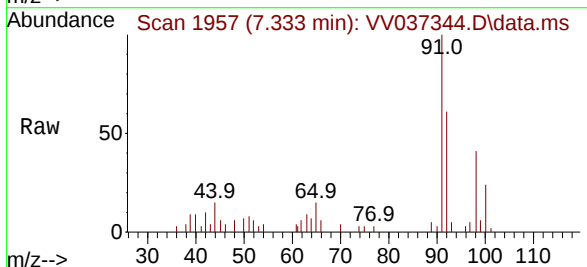
Acq: 18 Sep 2024 19:19

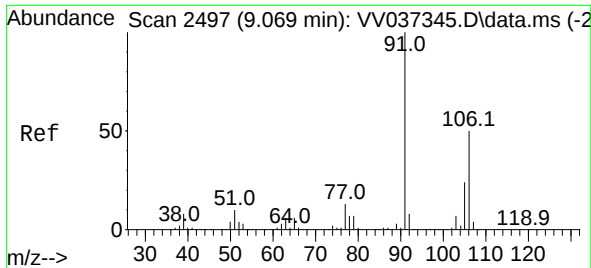
Tgt Ion: 91 Resp: 12928

Ion Ratio Lower Upper

91 100

92 60.9 41.4 77.0

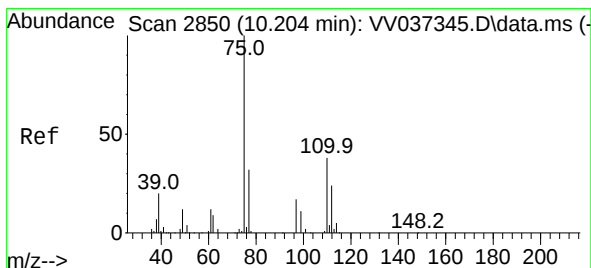
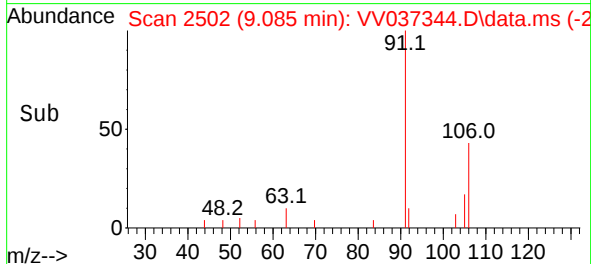
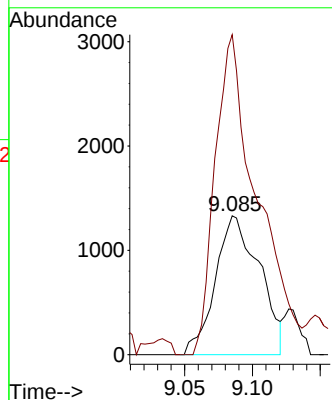
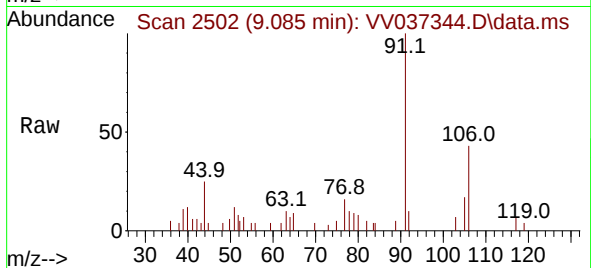




#53
m,p-Xylene
Concen: 0.077 ug/L
RT: 9.085 min Scan# 2497
Delta R.T. 0.016 min
Lab File: VV037344.D
Acq: 18 Sep 2024 19:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 3006
Ion Ratio Lower Upper
106 100
91 230.4 143.3 266.1



#61
1,2,3-Trichloropropane
Concen: 1.352 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.977 min
Lab File: VV037344.D
Acq: 18 Sep 2024 19:19

Tgt Ion: 75 Resp: 16881
Ion Ratio Lower Upper
75 100
77 35.6 25.6 38.4
110 2.3 31.0 46.4#

