

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037382.D
 Acq On : 19 Sep 2024 15:01
 Operator : SY/MD
 Sample : P3986-03 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 01:58:12 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)

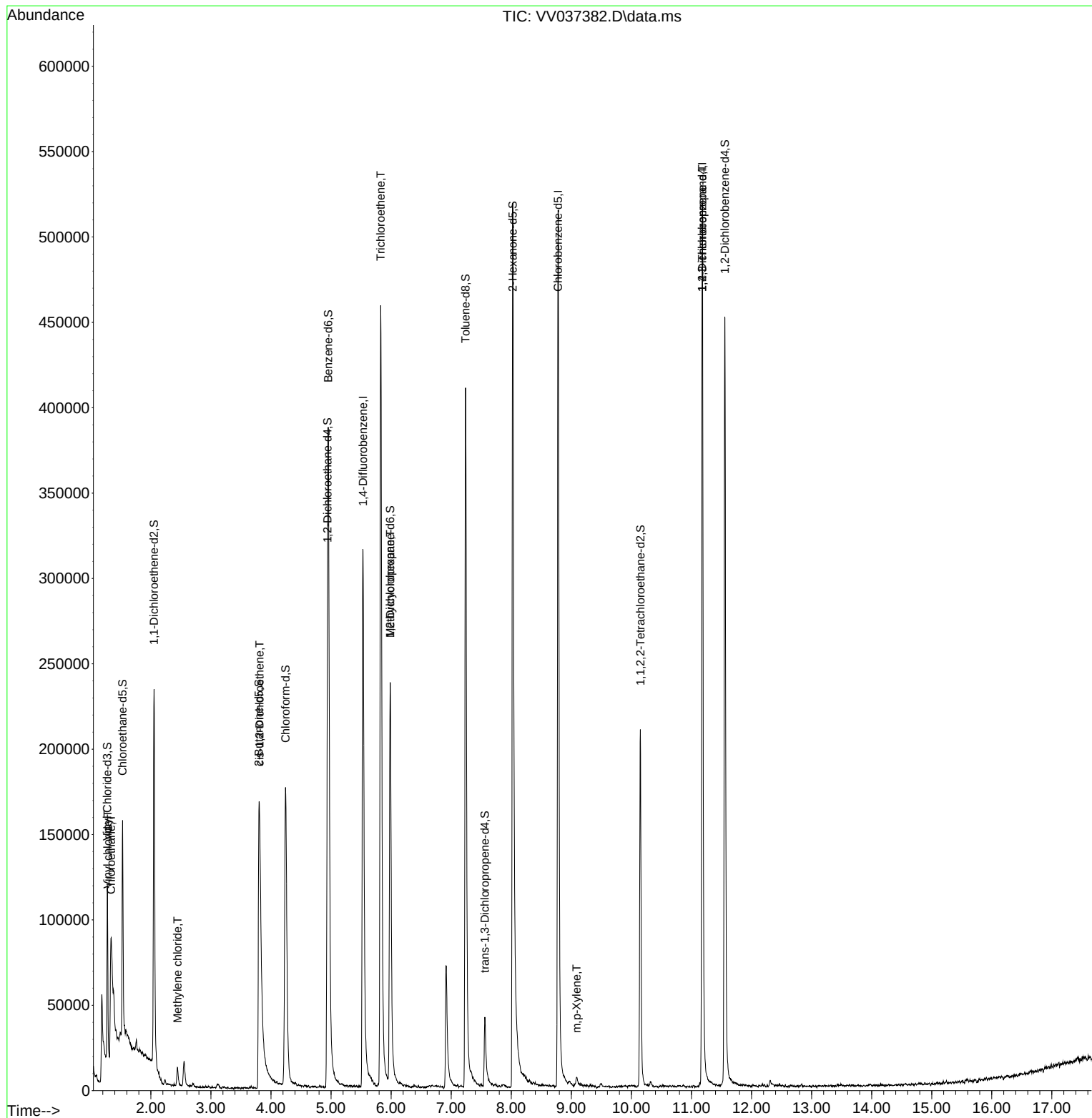
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	297145	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	307345	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	137597	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	63268	3.629	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.529	69	81927	4.508	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.053	65	36617	4.067	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	3.799	46	241719	46.396	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.800%
24) Chloroform-d	4.243	84	196306	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.941	65	96036	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	4.953	84	367554	4.460	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	5.986	67	124025	4.840	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.239	98	298108	4.015	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	7.561	79	30491	3.617	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.024	63	211601	51.379	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.760%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	106276	5.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	123483	5.048	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
5) Vinyl chloride	1.282	62	7576	0.262	ug/L #	1
8) Chloroethane	1.336	64	178586	10.260	ug/L #	51
16) Methylene chloride	2.442	84	4912	0.205	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	16332	0.690	ug/L	97
34) Trichloroethene	5.828	95	174177	6.980	ug/L	97
35) Methylcyclohexane	5.986	83	28654	0.755	ug/L #	20
53) m,p-Xylene	9.088	106	2103	0.053	ug/L	88
61) 1,2,3-Trichloropropane	11.181	75	16747	1.338	ug/L #	68

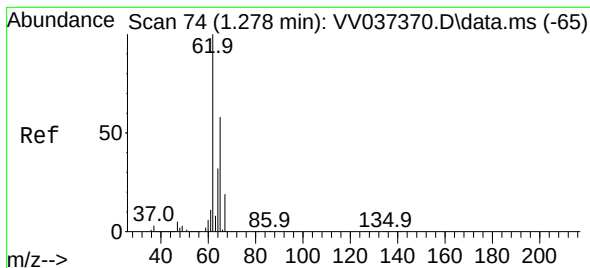
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:54:17 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.262 ug/L

RT: 1.282 min Scan# 74

Delta R.T. 0.003 min

Lab File: VV037382.D

Acq: 19 Sep 2024 15:01

Instrument :

MSVOA_V

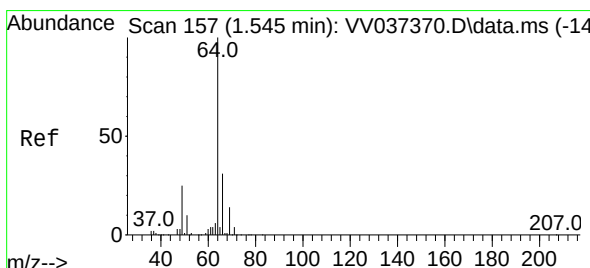
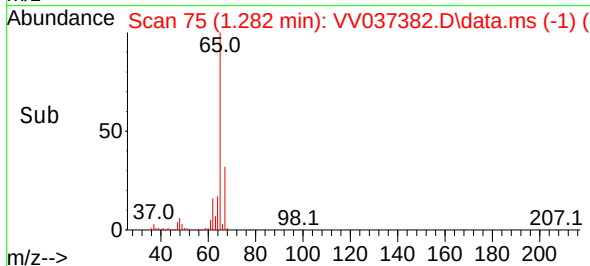
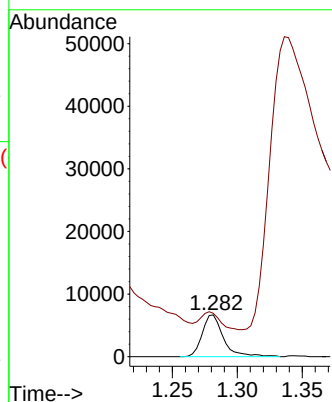
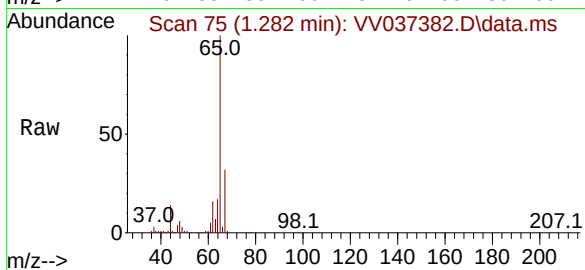
ClientSampleId :

Tgt Ion: 62 Resp: 7576

Ion Ratio Lower Upper

62 100

64 104.2 22.4 41.6#



#8

Chloroethane

Concen: 10.260 ug/L

RT: 1.336 min Scan# 92

Delta R.T. -0.209 min

Lab File: VV037382.D

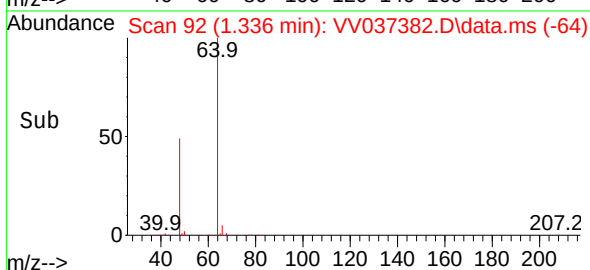
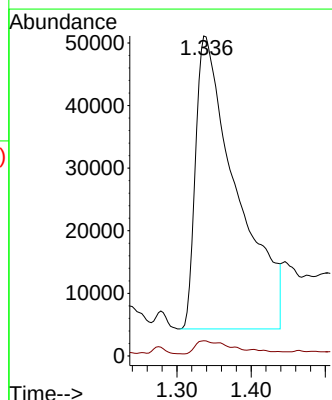
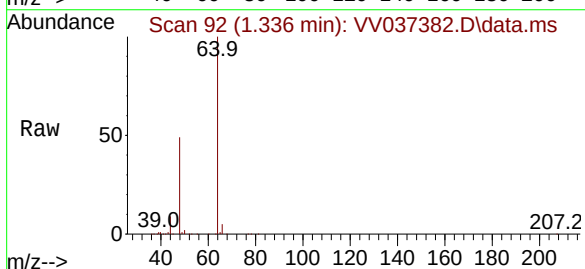
Acq: 19 Sep 2024 15:01

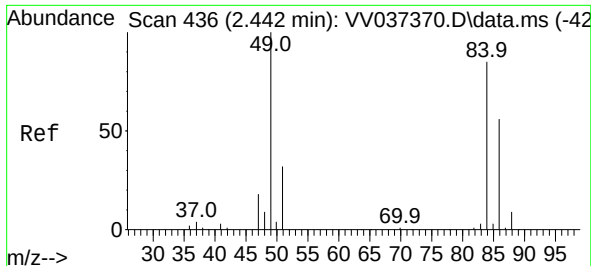
Tgt Ion: 64 Resp: 178586

Ion Ratio Lower Upper

64 100

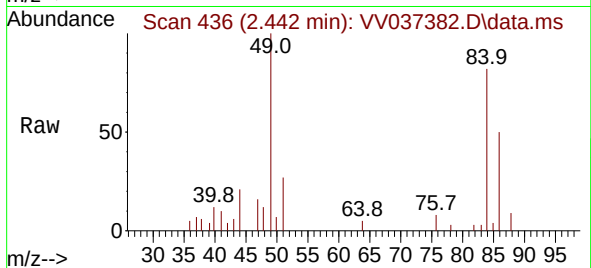
66 4.7 22.7 42.1#





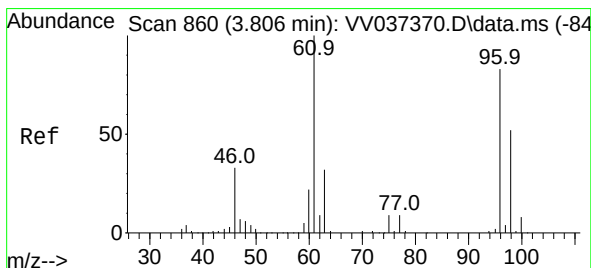
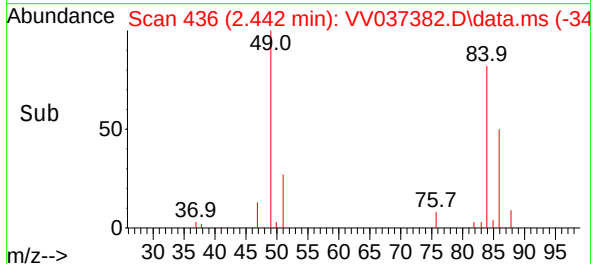
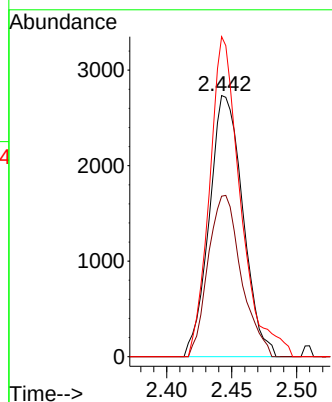
#16
Methylene chloride
Concen: 0.205 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV037382.D
Acq: 19 Sep 2024 15:01

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 4912

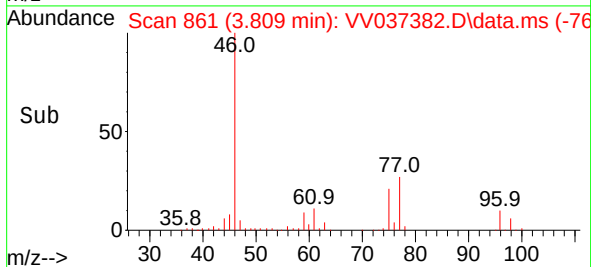
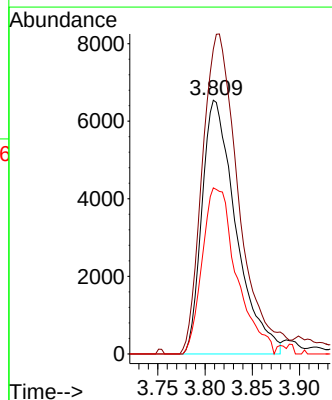
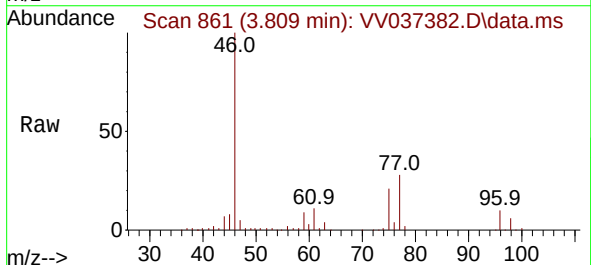
Ion	Ratio	Lower	Upper
84	100		
86	61.5	44.0	81.8
49	122.5	83.0	154.1

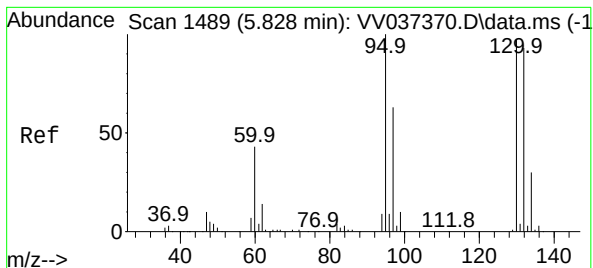


#22
cis-1,2-Dichloroethene
Concen: 0.690 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037382.D
Acq: 19 Sep 2024 15:01

Tgt Ion: 96 Resp: 16332

Ion	Ratio	Lower	Upper
96	100		
61	120.1	87.6	162.6
98	65.4	44.9	83.5





#34

Trichloroethene

Concen: 6.980 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VV037382.D

Acq: 19 Sep 2024 15:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 174177

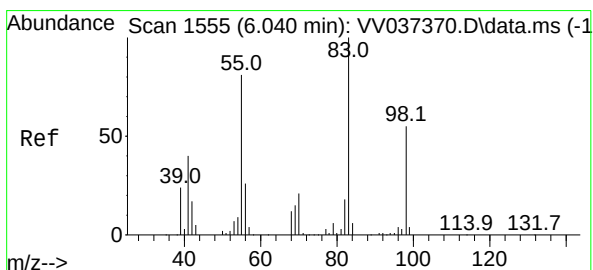
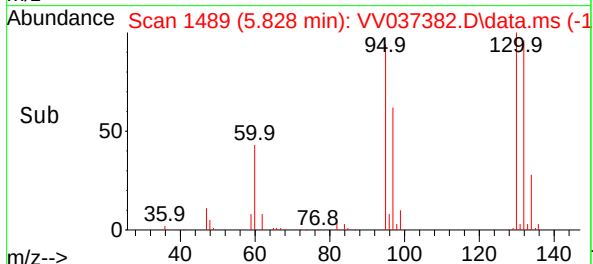
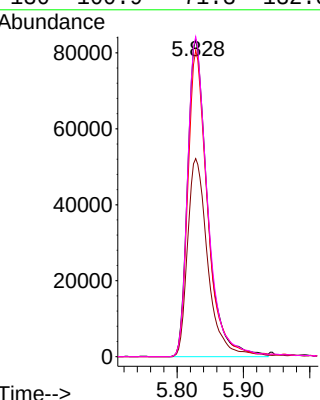
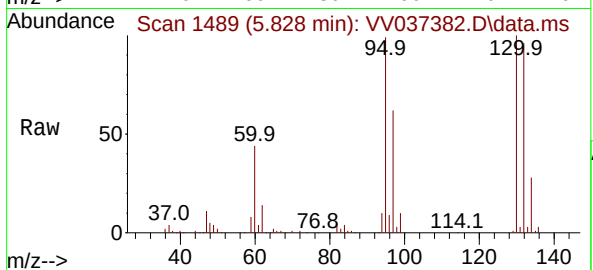
Ion Ratio Lower Upper

95 100

97 62.4 46.5 86.5

132 96.6 65.5 121.7

130 100.9 71.3 132.3



#35

Methylcyclohexane

Concen: 0.755 ug/L

RT: 5.986 min Scan# 1538

Delta R.T. -0.055 min

Lab File: VV037382.D

Acq: 19 Sep 2024 15:01

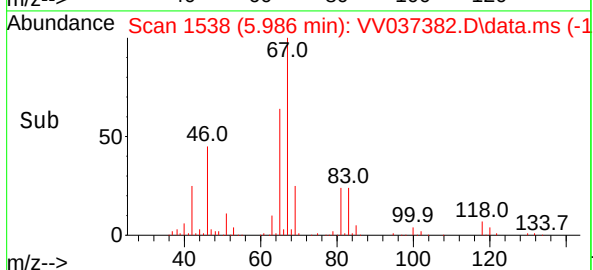
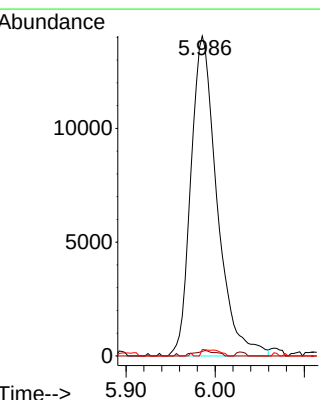
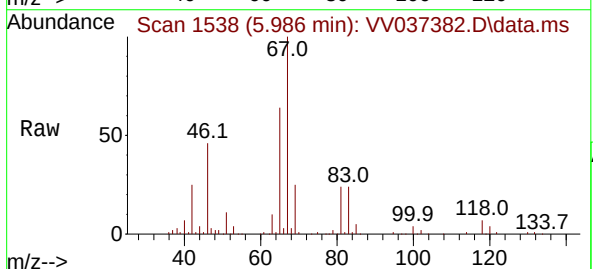
Tgt Ion: 83 Resp: 28654

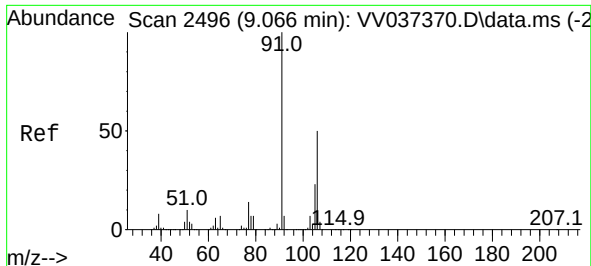
Ion Ratio Lower Upper

83 100

55 1.3 60.3 90.5#

98 1.3 38.2 57.4#





#53

m,p-Xylene

Concen: 0.053 ug/L

RT: 9.088 min Scan# 2103

Delta R.T. 0.022 min

Lab File: VV037382.D

Acq: 19 Sep 2024 15:01

Instrument :

MSVOA_V

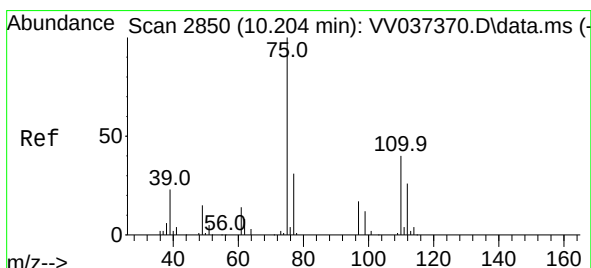
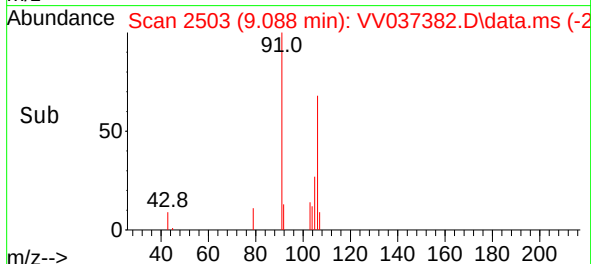
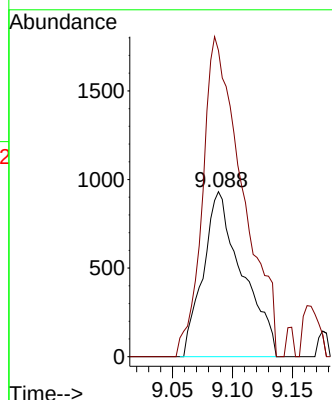
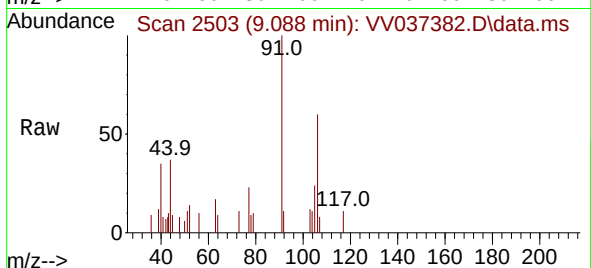
ClientSampleId :

Tgt Ion:106 Resp: 2103

Ion Ratio Lower Upper

106 100

91 185.6 143.3 266.1



#61

1,2,3-Trichloropropane

Concen: 1.338 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.977 min

Lab File: VV037382.D

Acq: 19 Sep 2024 15:01

Tgt Ion: 75 Resp: 16747

Ion Ratio Lower Upper

75 100

77 32.8 25.6 38.4

110 3.8 31.0 46.4#

