

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037491.D
 Acq On : 23 Sep 2024 18:25
 Operator : SY/MD
 Sample : P4024-01MEDL 20X
 Misc : 6.18G/5mL/100ul/5ml/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 04:02:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:56:17 2024
 Response via : Initial Calibration

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

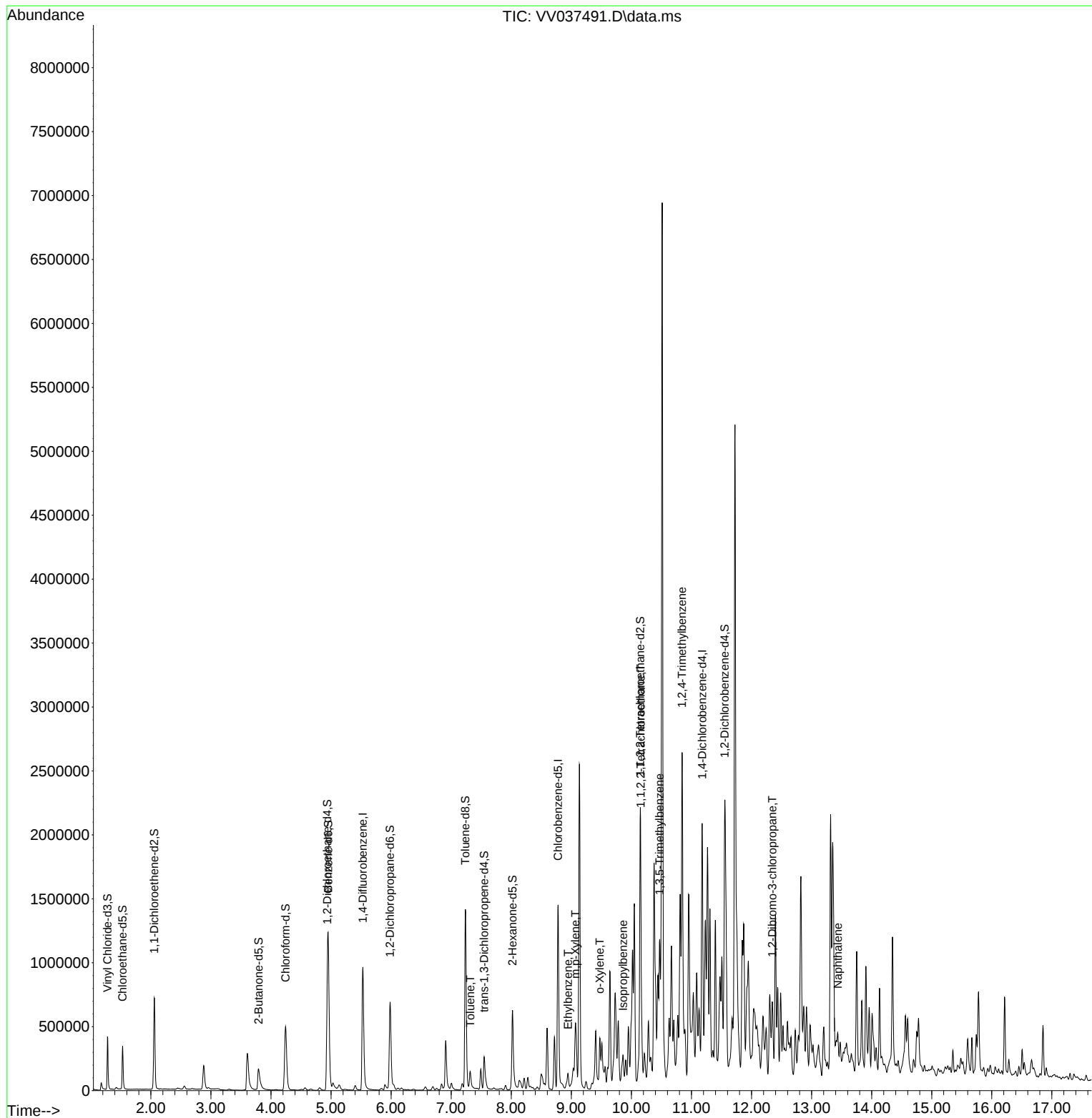
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	846115	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	806937	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	412009	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	276947	35.782	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.560%
7) Chloroethane-d5	1.529	69	231387	38.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.360%
11) 1,1-Dichloroethene-d2	2.056	65	119751	36.811	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.620%
21) 2-Butanone-d5	3.793	46	269426	89.890	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.890%
24) Chloroform-d	4.243	84	533103	44.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.020%
26) 1,2-Dichloroethane-d4	4.937	65	337883	44.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.580%
32) Benzene-d6	4.953	84	1082684	44.422	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.840%
36) 1,2-Dichloropropane-d6	5.982	67	348412	45.641	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.280%
41) Toluene-d8	7.236	98	945539	42.986	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.980%
43) trans-1,3-Dichloroprop...	7.548	79	157832	44.690	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.380%
47) 2-Hexanone-d5	8.021	63	202356	97.127	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.130%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	432964	46.765	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.520%
66) 1,2-Dichlorobenzene-d4	11.554	152	377474	45.745	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.480%
Target Compounds						Qvalue
42) Toluene	7.317	91	116026	4.785	ug/L	96
52) Ethylbenzene	8.947	91	74739	2.729	ug/L	99
53) m,p-Xylene	9.069	106	115686	11.401	ug/L	99
54) o-Xylene	9.474	106	84767	8.532	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.156	83	46649	5.420	ug/L #	76
60) Isopropylbenzene	9.863	105	99423	3.722	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	488769	22.366	ug/L	98
63) 1,2,4-Trimethylbenzene	10.844	105	1270415	58.253	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.345	75	2210	1.383	ug/L #	30
71) Naphthalene	13.435	128	175388	7.516	ug/L	96

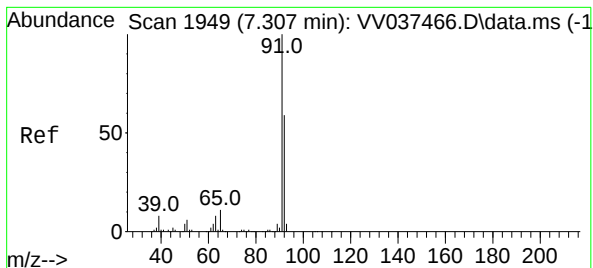
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Sep 24 03:56:17 2024
Response via : Initial Calibration





#42

Toluene

Concen: 4.785 ug/L

RT: 7.317 min Scan# 1949

Delta R.T. 0.010 min

Lab File: VV037491.D

Acq: 23 Sep 2024 18:25

Instrument :

MSVOA_V

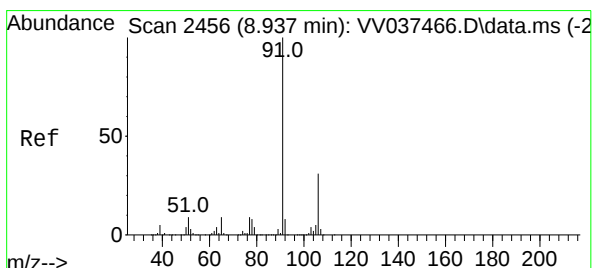
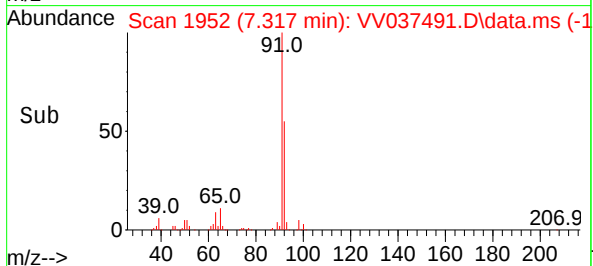
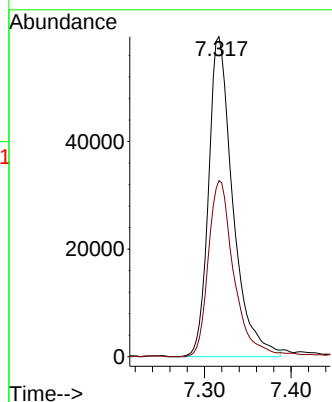
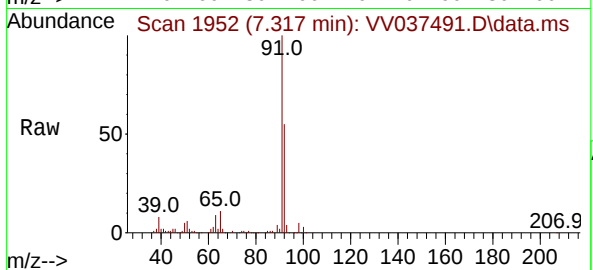
ClientSampleId :

Tgt Ion: 91 Resp: 116026

Ion Ratio Lower Upper

91 100

92 55.0 40.8 75.8



#52

Ethylbenzene

Concen: 2.729 ug/L

RT: 8.947 min Scan# 2459

Delta R.T. 0.010 min

Lab File: VV037491.D

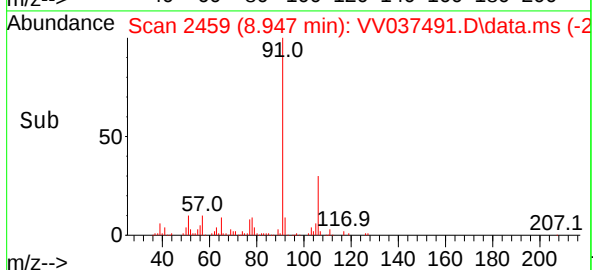
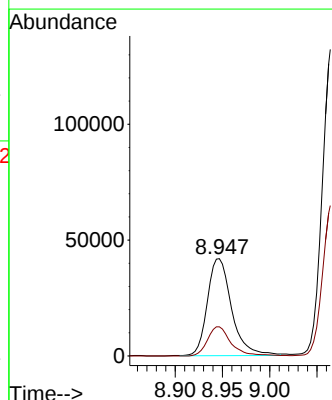
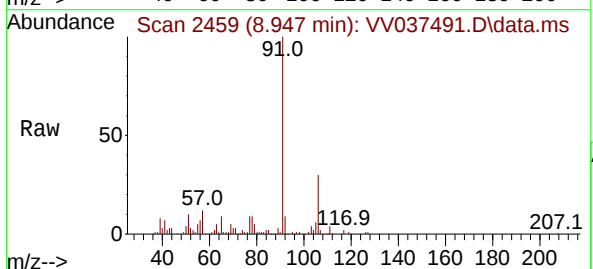
Acq: 23 Sep 2024 18:25

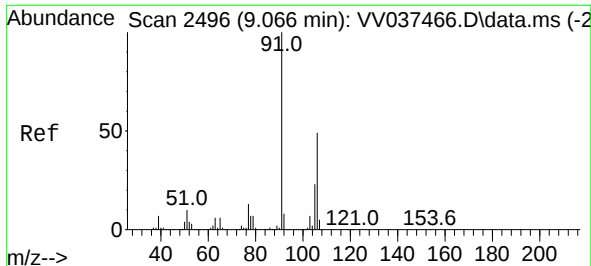
Tgt Ion: 91 Resp: 74739

Ion Ratio Lower Upper

91 100

106 29.8 21.4 39.8





#53

m,p-Xylene

Concen: 11.401 ug/L

RT: 9.069 min Scan# 2496

Delta R.T. 0.003 min

Lab File: VV037491.D

Acq: 23 Sep 2024 18:25

Instrument :

MSVOA_V

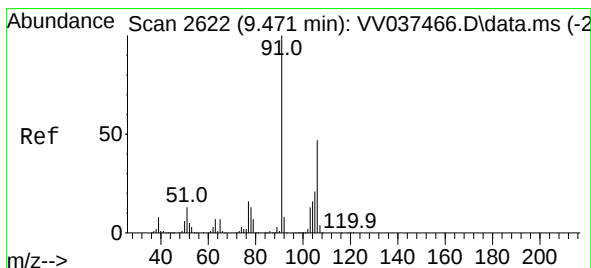
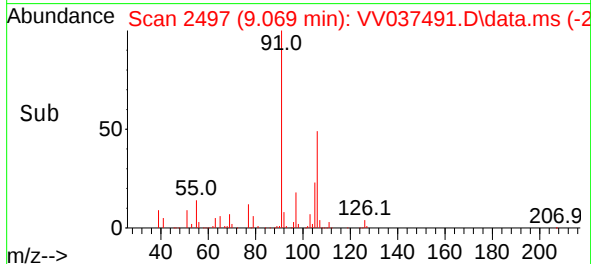
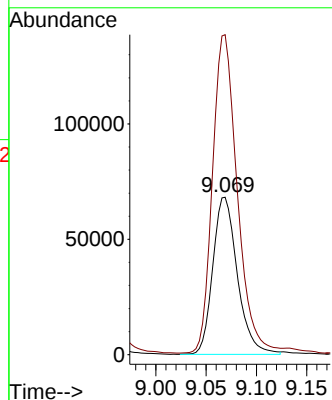
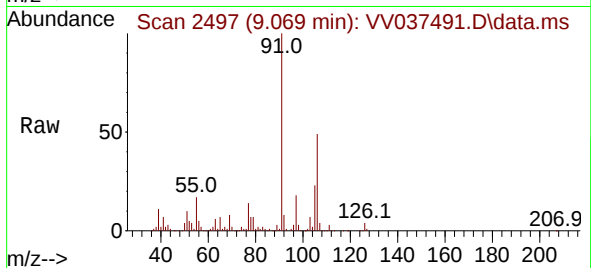
ClientSampleId :

Tgt Ion:106 Resp: 115686

Ion Ratio Lower Upper

106 100

91 203.3 143.0 265.6



#54

o-Xylene

Concen: 8.532 ug/L

RT: 9.474 min Scan# 2623

Delta R.T. 0.003 min

Lab File: VV037491.D

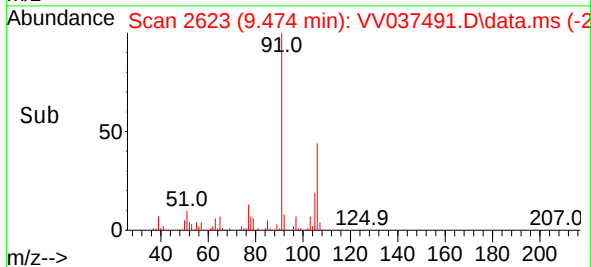
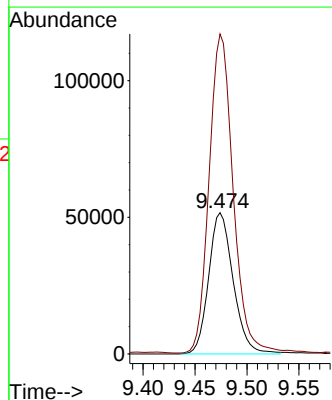
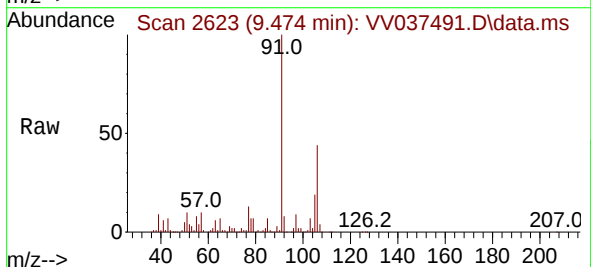
Acq: 23 Sep 2024 18:25

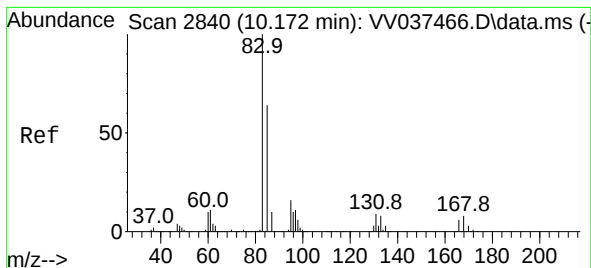
Tgt Ion:106 Resp: 84767

Ion Ratio Lower Upper

106 100

91 226.6 153.2 284.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.420 ug/L

RT: 10.156 min Scan# 21

Delta R.T. -0.016 min

Lab File: VV037491.D

Acq: 23 Sep 2024 18:25

Instrument :

MSVOA_V

ClientSampleId :

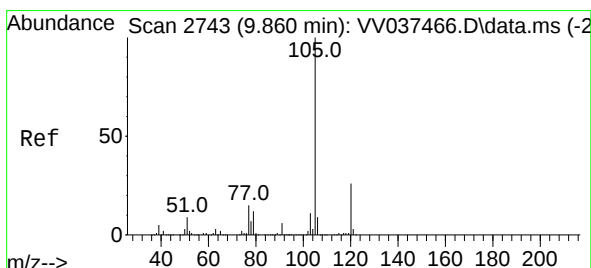
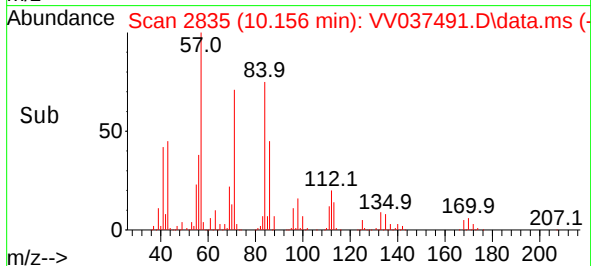
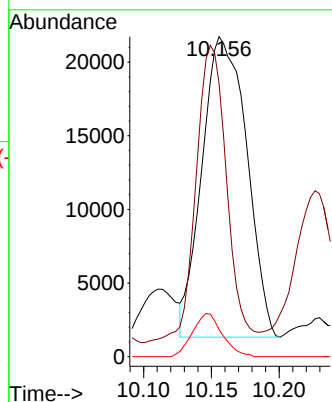
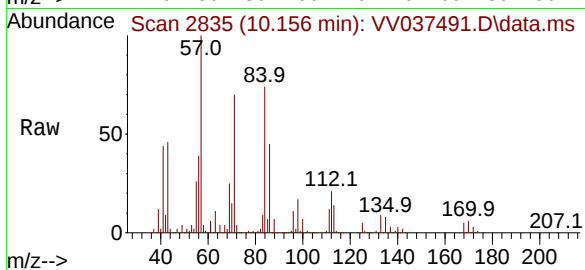
Tgt Ion: 83 Resp: 46649

Ion Ratio Lower Upper

83 100

85 85.3 45.1 83.7#

131 8.4 7.4 11.0



#60

Isopropylbenzene

Concen: 3.722 ug/L

RT: 9.863 min Scan# 2744

Delta R.T. 0.003 min

Lab File: VV037491.D

Acq: 23 Sep 2024 18:25

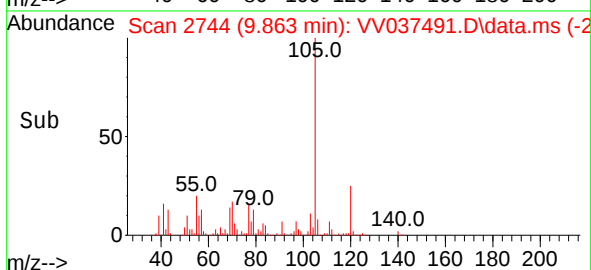
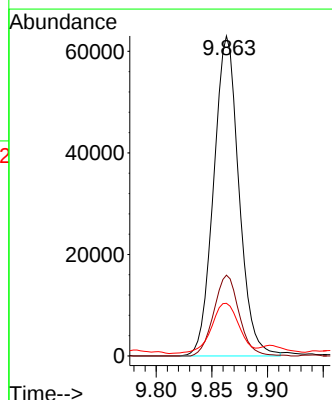
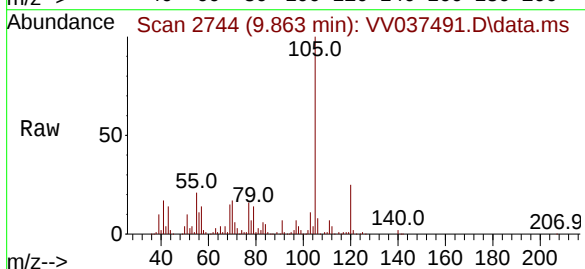
Tgt Ion:105 Resp: 99423

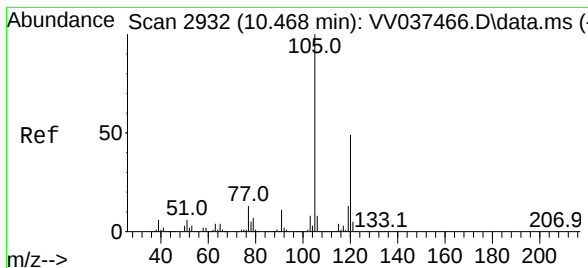
Ion Ratio Lower Upper

105 100

120 25.3 20.9 31.3

77 17.1 12.6 19.0





#62

1,3,5-Trimethylbenzene

Concen: 22.366 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037491.D

Acq: 23 Sep 2024 18:25

Instrument :

MSVOA_V

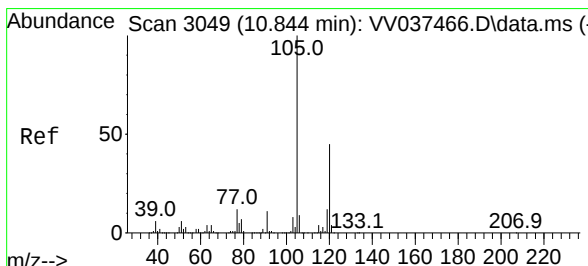
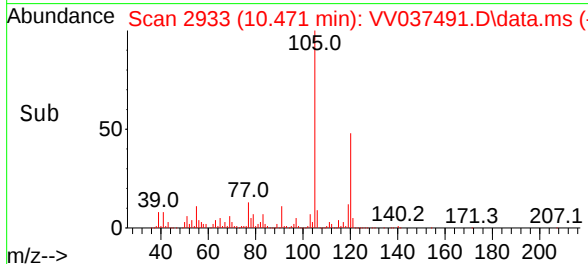
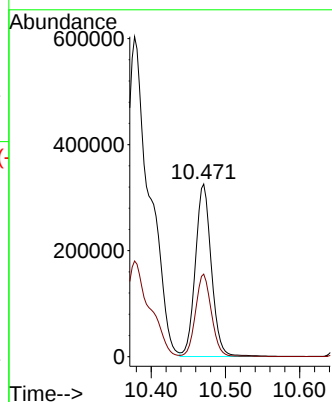
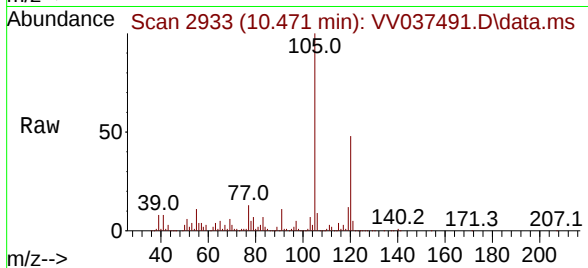
ClientSampleId :

Tgt Ion:105 Resp: 488769

Ion Ratio Lower Upper

105 100

120 46.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 58.253 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037491.D

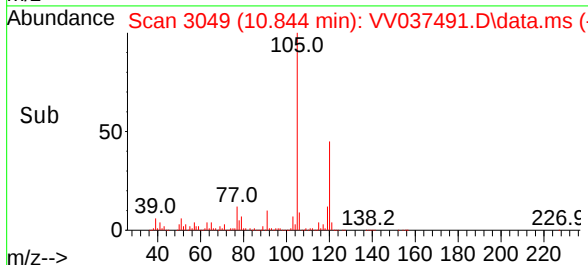
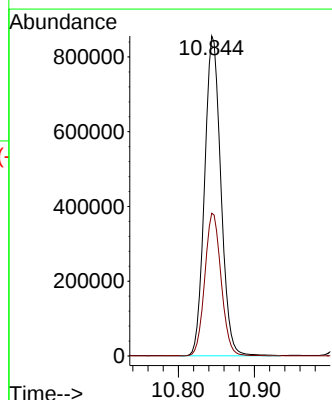
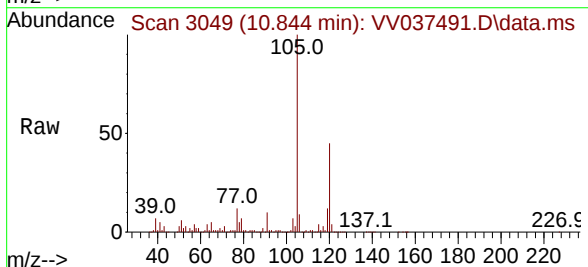
Acq: 23 Sep 2024 18:25

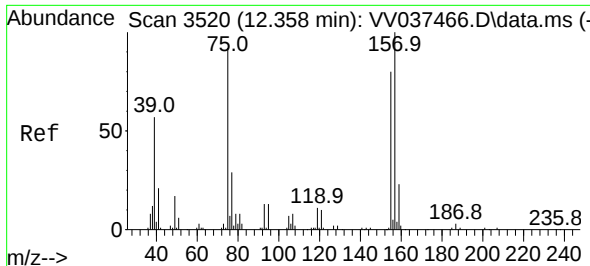
Tgt Ion:105 Resp: 1270415

Ion Ratio Lower Upper

105 100

120 44.8 35.8 53.6





#68

1,2-Dibromo-3-chloropropane

Concen: 1.383 ug/L

RT: 12.345 min Scan# 3516

Delta R.T. -0.013 min

Lab File: VV037491.D

Acq: 23 Sep 2024 18:25

Instrument :

MSVOA_V

ClientSampleId :

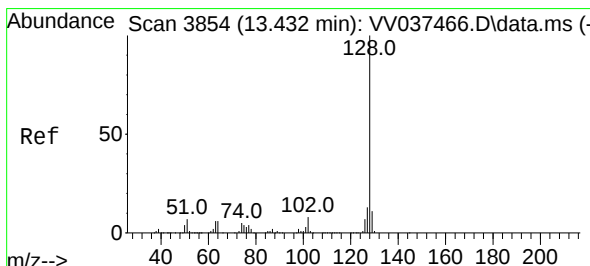
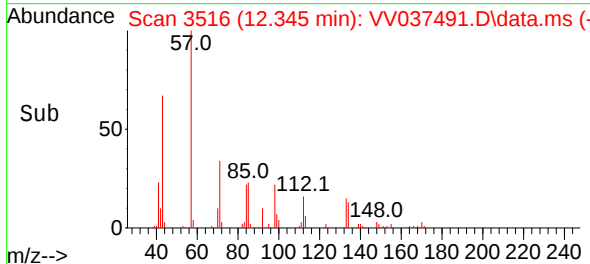
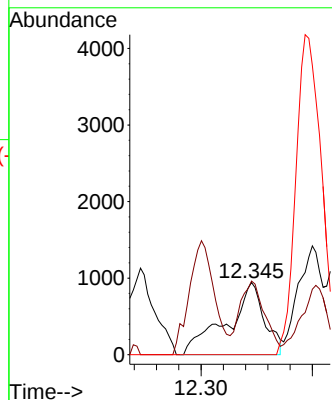
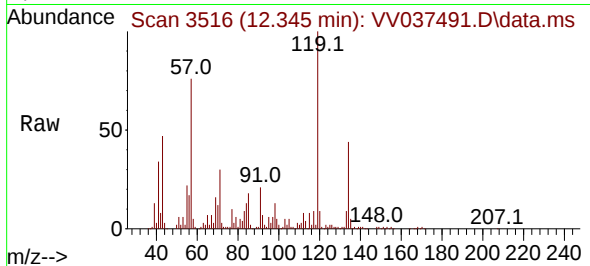
Tgt Ion: 75 Resp: 2210

Ion Ratio Lower Upper

75 100

155 102.1 61.8 92.6#

157 0.0 82.5 123.7#



#71

Naphthalene

Concen: 7.516 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV037491.D

Acq: 23 Sep 2024 18:25

Tgt Ion:128 Resp: 175388

Ion Ratio Lower Upper

128 100

127 10.4 10.2 15.2

129 11.4 8.8 13.2

