

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
 Data File : VV036537.D
 Acq On : 15 Jul 2024 18:53
 Operator : SY/MD
 Sample : P3238-01
 Misc : 5.35g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 16 01:31:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 16 01:25:30 2024
 Response via : Initial Calibration

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

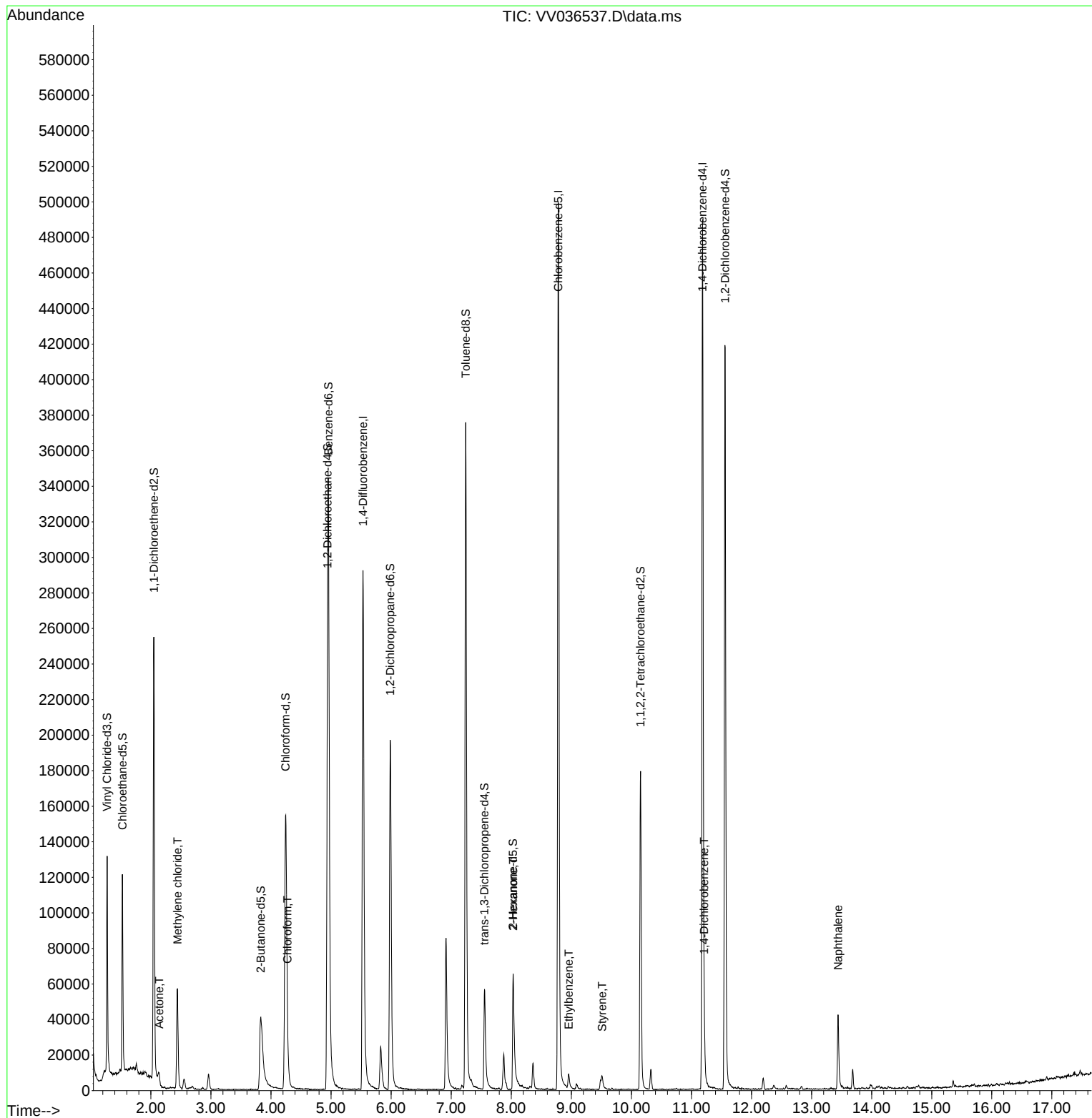
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	272909	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	300084	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	138298	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	80866	20.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.720%
7) Chloroethane-d5	1.526	69	72921	21.332	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.320%
11) 1,1-Dichloroethene-d2	2.050	65	39175	19.512	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.040%
21) 2-Butanone-d5	3.828	46	33093	49.451	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.900%
24) Chloroform-d	4.243	84	170150	21.419	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.680%
26) 1,2-Dichloroethane-d4	4.940	65	95589	24.261	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.040%
32) Benzene-d6	4.956	84	312632	20.883	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.520%
36) 1,2-Dichloropropane-d6	5.985	67	95977	21.511	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.040%
41) Toluene-d8	7.243	98	266429	19.288	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.160%
43) trans-1,3-Dichloroprop...	7.554	79	37769	20.361	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.440%
47) 2-Hexanone-d5	8.030	63	23338	47.097	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.200%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	86122	22.919	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.680%
66) 1,2-Dichlorobenzene-d4	11.561	152	117931	25.127	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.520%
Target Compounds	Qvalue					
13) Acetone	2.140	43	2306	2.437	ug/L #	24
16) Methylene chloride	2.442	84	26958	4.805	ug/L	91
25) Chloroform	4.275	83	6301	0.800	ug/L	94
48) 2-Hexanone	8.034	43	3234	2.560	ug/L #	35
52) Ethylbenzene	8.956	91	6384	0.378	ug/L	96
55) Styrene	9.513	104	4718	0.426	ug/L	98
65) 1,4-Dichlorobenzene	11.213	146	11215	1.279	ug/L	93
71) Naphthalene	13.442	128	36316	4.807	ug/L	99

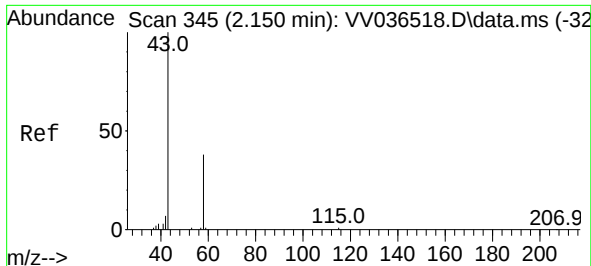
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071524\
Data File : VV036537.D
Acq On : 15 Jul 2024 18:53
Operator : SY/MD
Sample : P3238-01
Misc : 5.35g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 16 01:31:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 16 01:25:30 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.437 ug/L

RT: 2.140 min Scan# 34

Delta R.T. -0.010 min

Lab File: VV036537.D

Acq: 15 Jul 2024 18:53

Instrument :

MSVOA_V

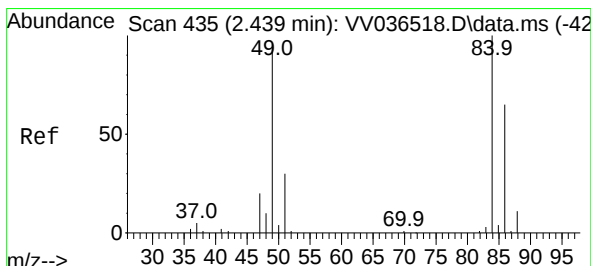
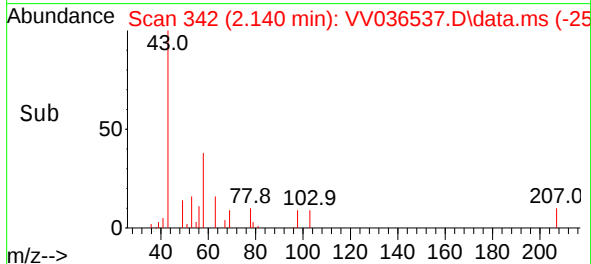
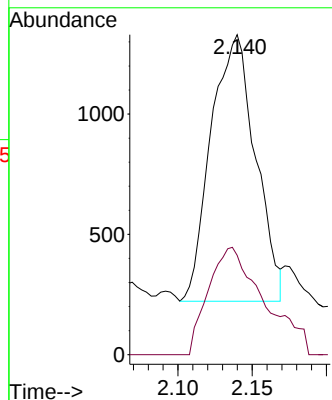
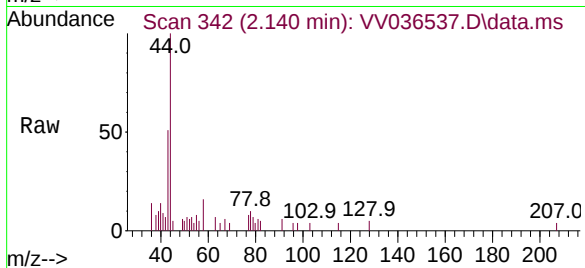
ClientSampleId :

Tgt Ion: 43 Resp: 2306

Ion Ratio Lower Upper

43 100

58 45.1 0.0 28.4#



#16

Methylene chloride

Concen: 4.805 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036537.D

Acq: 15 Jul 2024 18:53

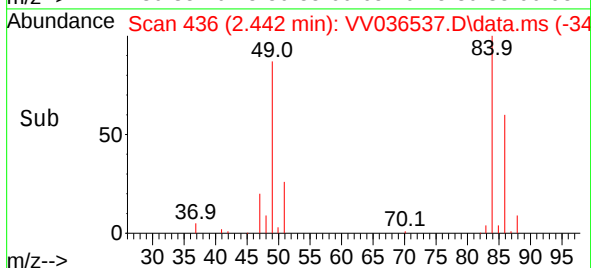
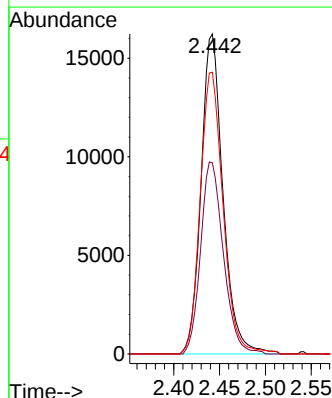
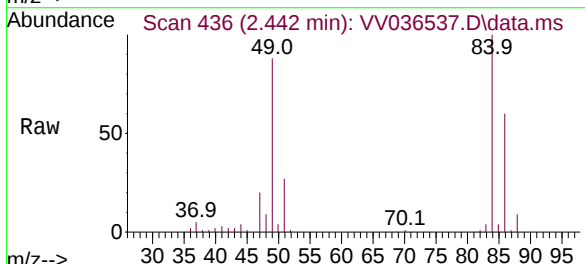
Tgt Ion: 84 Resp: 26958

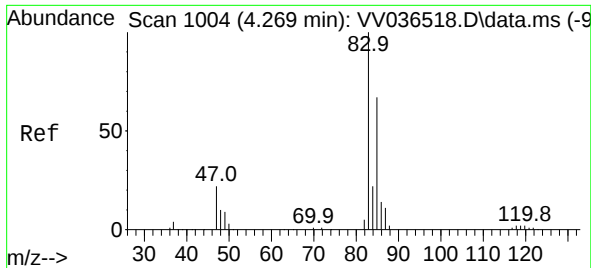
Ion Ratio Lower Upper

84 100

86 59.7 46.3 86.1

49 88.0 68.1 126.5





#25

Chloroform

Concen: 0.800 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV036537.D

Acq: 15 Jul 2024 18:53

Instrument :

MSVOA_V

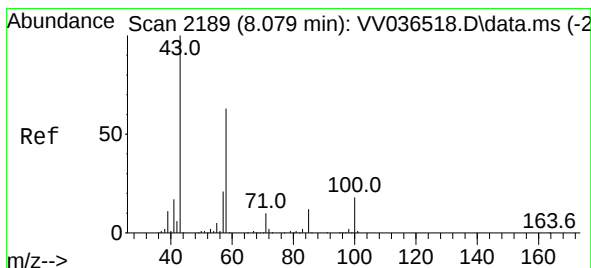
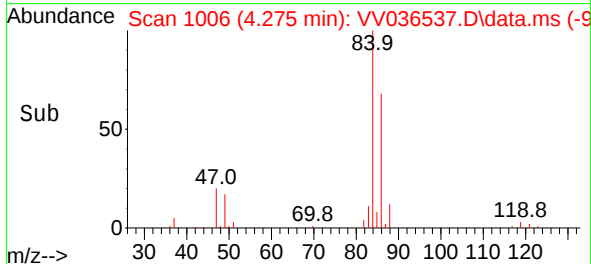
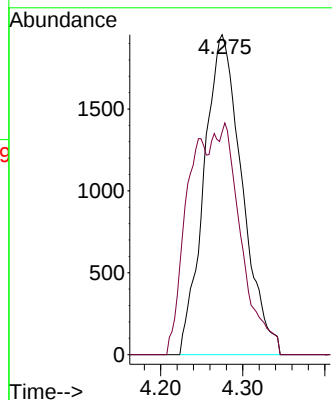
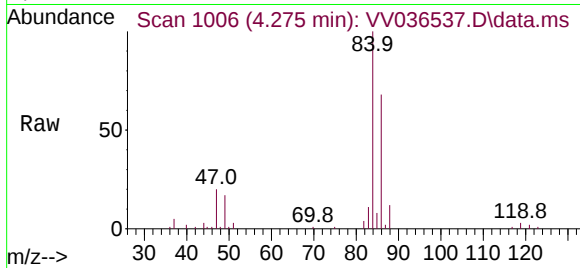
ClientSampleId :

Tgt Ion: 83 Resp: 6301

Ion Ratio Lower Upper

83 100

85 69.6 45.6 84.6



#48

2-Hexanone

Concen: 2.560 ug/L

RT: 8.034 min Scan# 2175

Delta R.T. -0.045 min

Lab File: VV036537.D

Acq: 15 Jul 2024 18:53

Tgt Ion: 43 Resp: 3234

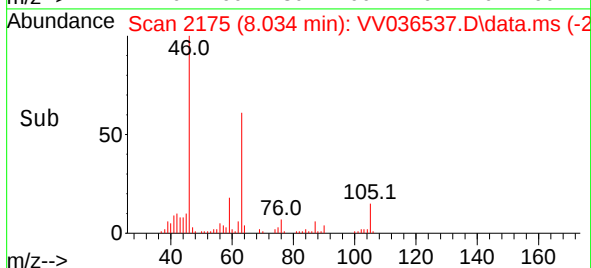
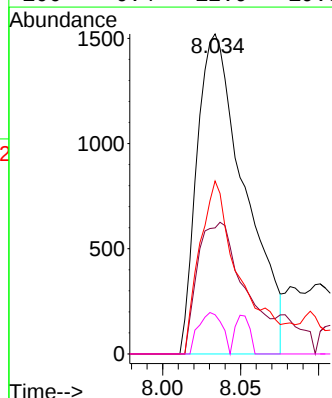
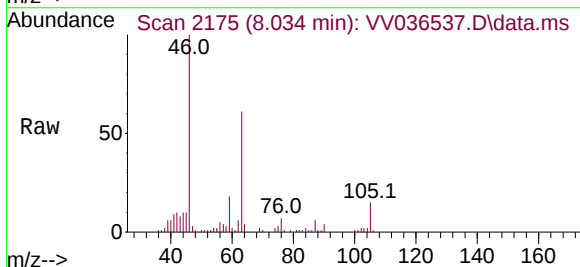
Ion Ratio Lower Upper

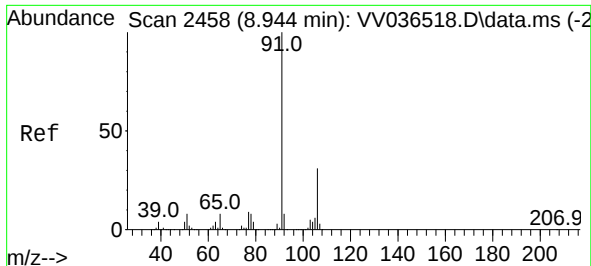
43 100

58 0.0 49.5 74.3#

57 41.1 15.3 22.9#

100 6.4 12.9 19.3#





#52

Ethylbenzene

Concen: 0.378 ug/L

RT: 8.956 min Scan# 2462

Delta R.T. 0.013 min

Lab File: VV036537.D

Acq: 15 Jul 2024 18:53

Instrument :

MSVOA_V

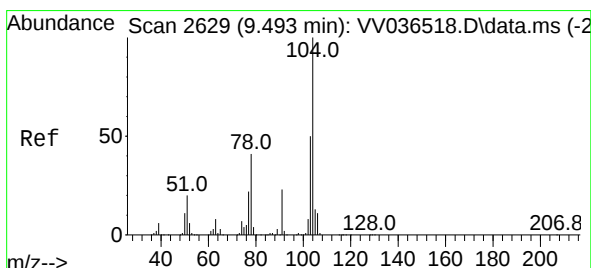
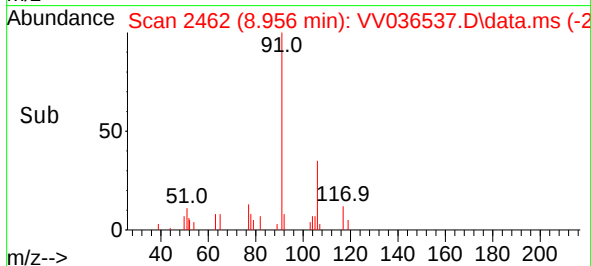
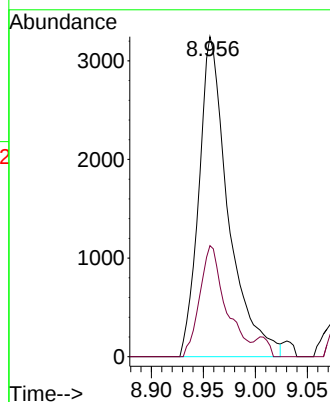
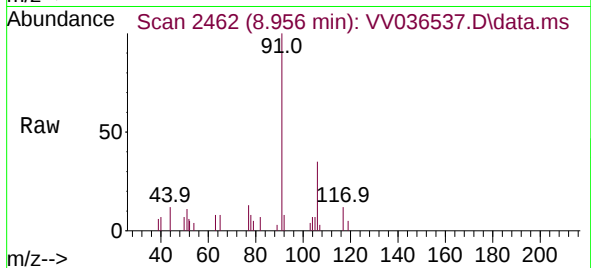
ClientSampleId :

Tgt Ion: 91 Resp: 6384

Ion Ratio Lower Upper

91 100

106 34.7 22.6 42.0



#55

Styrene

Concen: 0.426 ug/L

RT: 9.513 min Scan# 2635

Delta R.T. 0.019 min

Lab File: VV036537.D

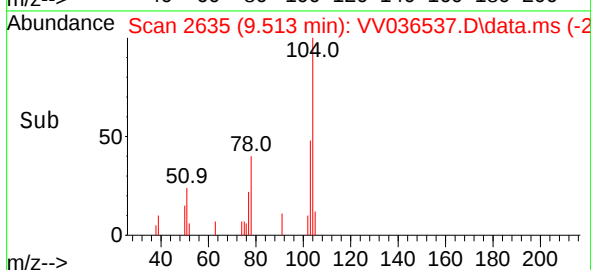
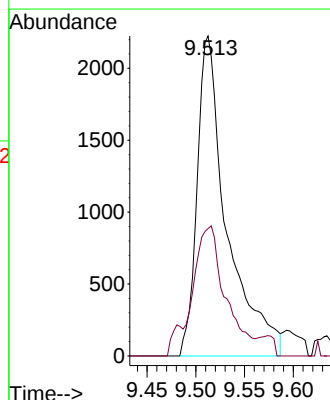
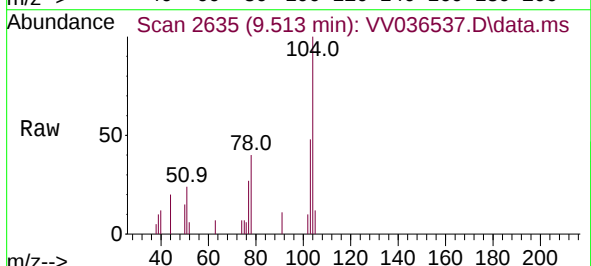
Acq: 15 Jul 2024 18:53

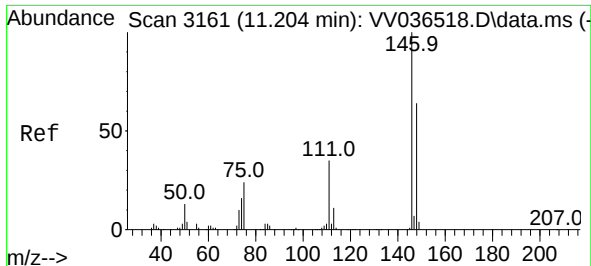
Tgt Ion:104 Resp: 4718

Ion Ratio Lower Upper

104 100

78 39.8 28.8 53.6





#65

1,4-Dichlorobenzene

Concen: 1.279 ug/L

RT: 11.213 min Scan# 3161

Delta R.T. 0.009 min

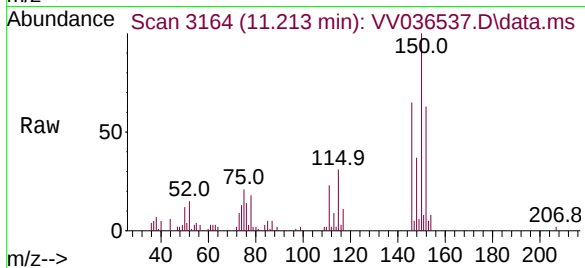
Lab File: VV036537.D

Acq: 15 Jul 2024 18:53

Instrument :

MSVOA_V

ClientSampleId :



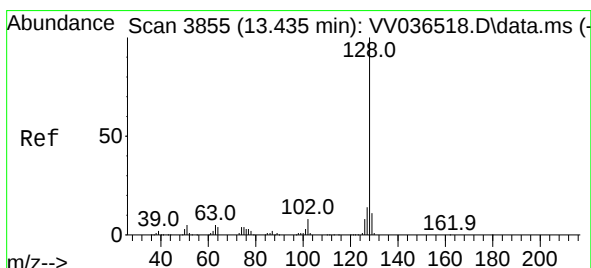
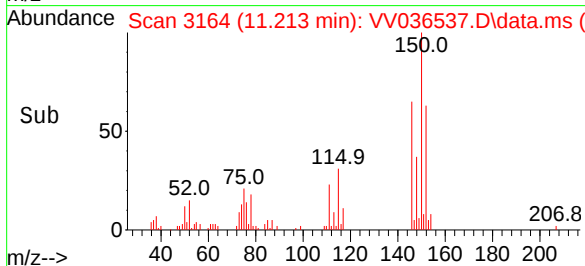
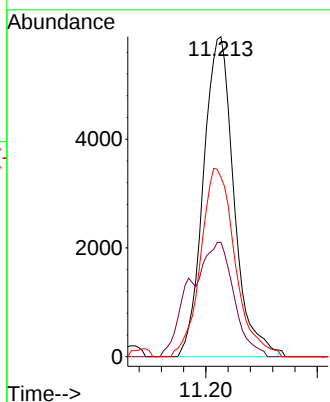
Tgt Ion:146 Resp: 11215

Ion Ratio Lower Upper

146 100

111 35.7 25.2 46.8

148 56.1 45.2 84.0



#71

Naphthalene

Concen: 4.807 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.006 min

Lab File: VV036537.D

Acq: 15 Jul 2024 18:53

Tgt Ion:128 Resp: 36316

Ion Ratio Lower Upper

128 100

127 14.3 10.8 16.2

129 10.9 8.6 13.0

