

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037486.D
 Acq On : 23 Sep 2024 16:38
 Operator : SY/MD
 Sample : P4024-06MEDL 10X
 Misc : 14.42G/5mL/100ul/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 24 04:01:13 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)

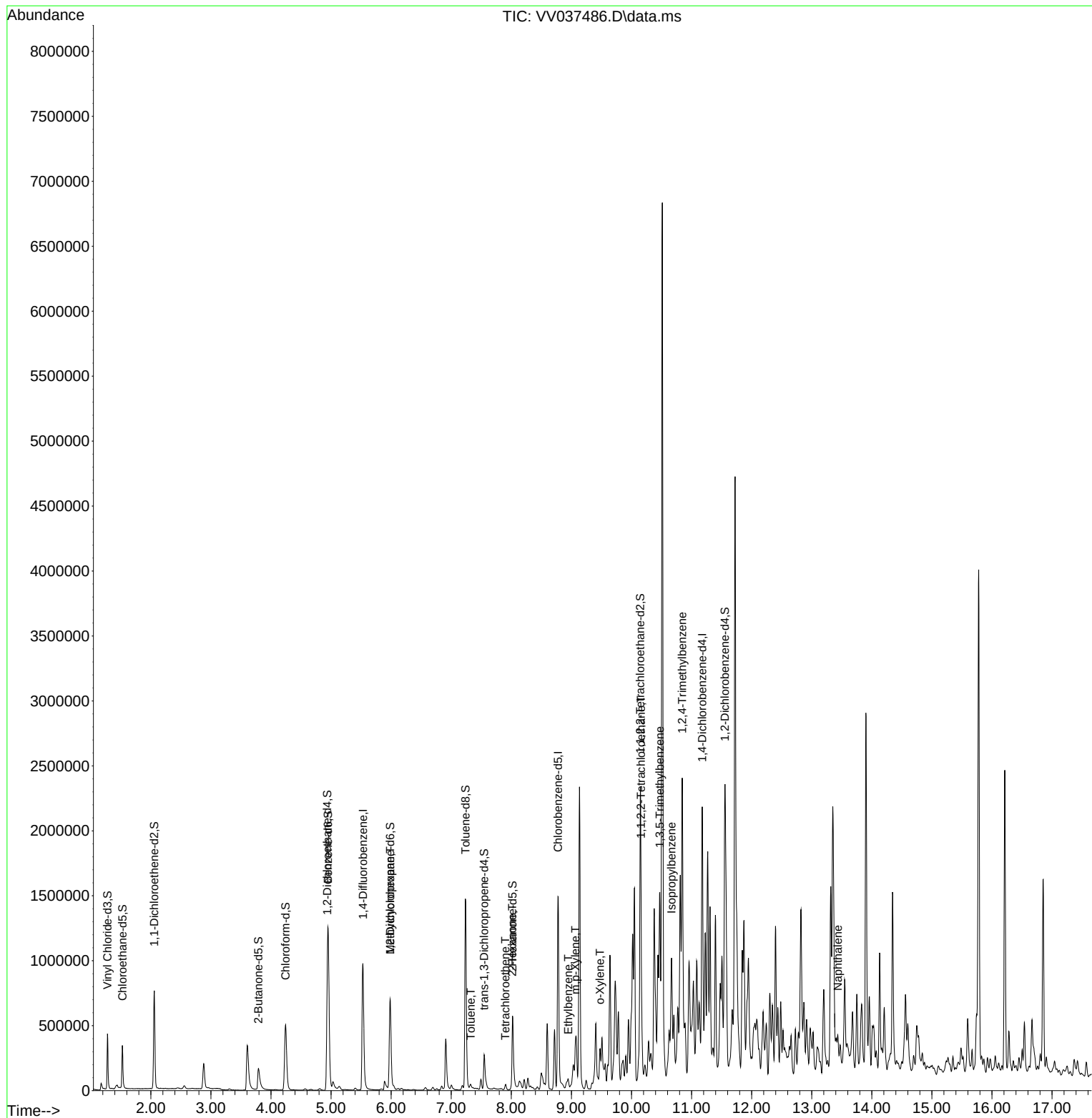
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	860572	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	825557	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	427273	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	282232	35.852	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.700%		
7) Chloroethane-d5	1.526	69	231639	38.073	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.140%		
11) 1,1-Dichloroethene-d2	2.056	65	124868	37.739	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.480%		
21) 2-Butanone-d5	3.789	46	269258	88.325	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.320%		
24) Chloroform-d	4.243	84	538558	43.712	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.420%		
26) 1,2-Dichloroethane-d4	4.937	65	338955	43.686	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.380%		
32) Benzene-d6	4.950	84	1104005	44.275	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.560%		
36) 1,2-Dichloropropane-d6	5.982	67	356058	45.590	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.180%		
41) Toluene-d8	7.236	98	982256	43.648	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.300%		
43) trans-1,3-Dichloroprop...	7.548	79	160707	44.477	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.960%		
47) 2-Hexanone-d5	8.021	63	200543	94.086	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.090%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	436467	46.080	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.160%		
66) 1,2-Dichlorobenzene-d4	11.554	152	389680	45.537	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.080%		
Target Compounds						Qvalue
35) Methylcyclohexane	5.982	83	82893	8.113	ug/L #	19
42) Toluene	7.323	91	30912	1.246	ug/L	98
46) Tetrachloroethene	7.902	164	5327	1.181	ug/L	96
48) 2-Hexanone	8.018	43	45472	9.055	ug/L #	47
52) Ethylbenzene	8.947	91	40114	1.432	ug/L	100
53) m,p-Xylene	9.069	106	74181	7.145	ug/L	98
54) o-Xylene	9.474	106	58951	5.800	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.159	83	55948	6.353	ug/L #	96
60) Isopropylbenzene	10.667	105	471832	17.034	ug/L	93
62) 1,3,5-Trimethylbenzene	10.471	105	656255	28.957	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	1127632	49.859	ug/L	100
71) Naphthalene	13.435	128	162635	6.721	ug/L	97

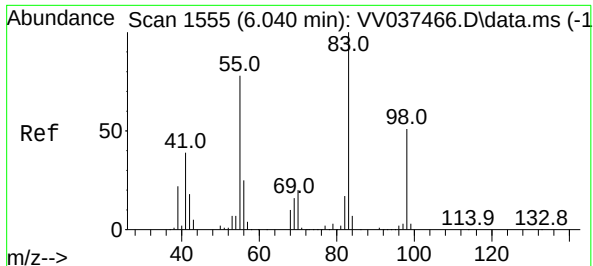
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 8.113 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV037486.D

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Instrument :

MSVOA_V

ClientSampleId :

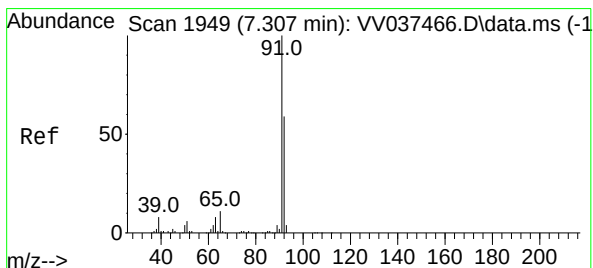
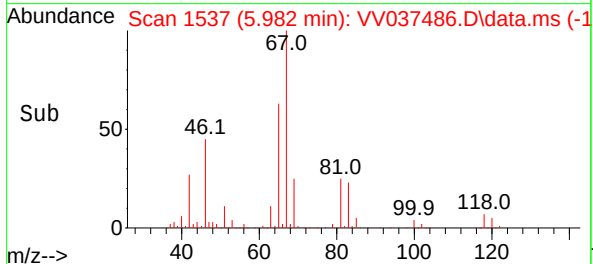
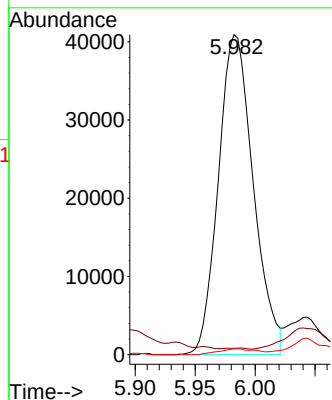
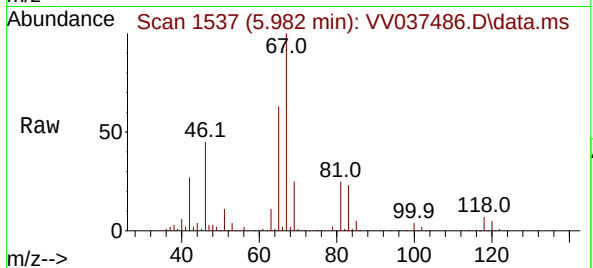
Tgt Ion: 83 Resp: 82893

Ion Ratio Lower Upper

83 100

55 0.0 61.2 91.8#

98 1.5 39.3 58.9#



#42

Toluene

Concen: 1.246 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VV037486.D

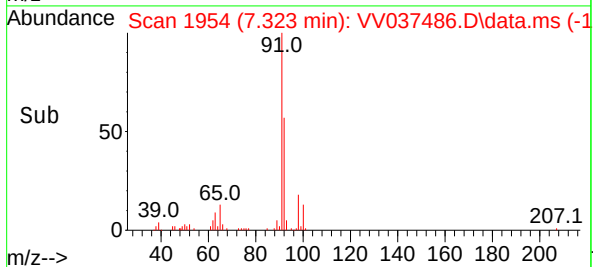
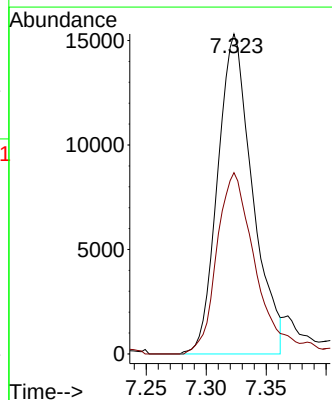
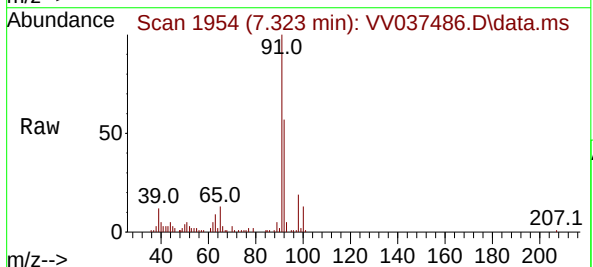
Acq: 23 Sep 2024 16:38

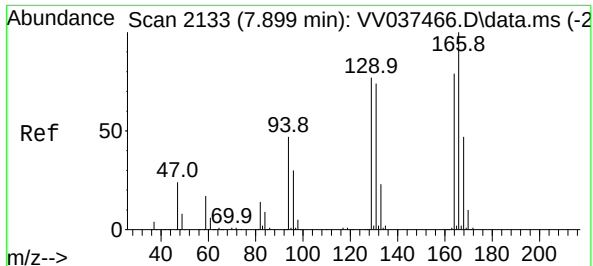
Tgt Ion: 91 Resp: 30912

Ion Ratio Lower Upper

91 100

92 56.7 40.8 75.8





#46

Tetrachloroethene

Concen: 1.181 ug/L

RT: 7.902 min Scan# 2133

Delta R.T. 0.003 min

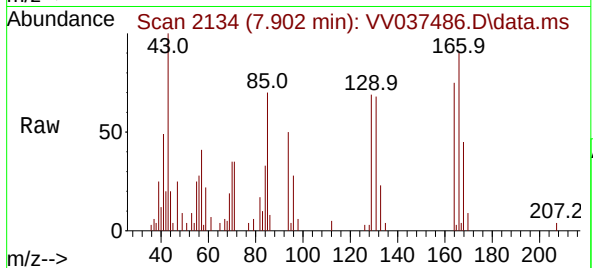
Lab File: VV037486.D

Acq: 23 Sep 2024 16:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 5327

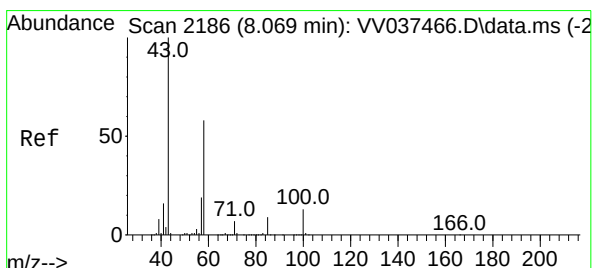
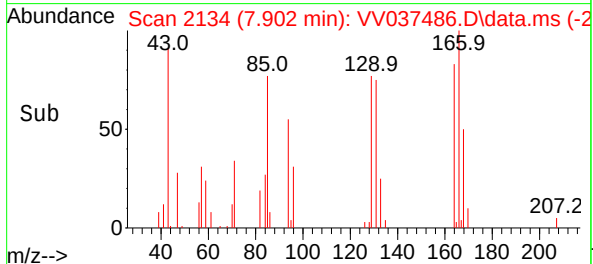
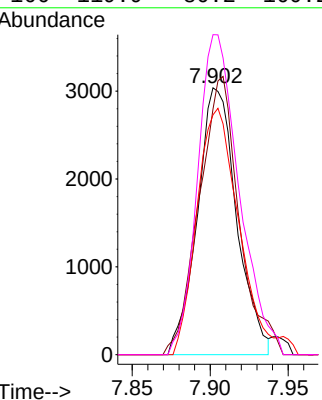
Ion Ratio Lower Upper

164 100

129 92.1 67.1 124.7

131 89.9 67.0 124.4

166 119.9 86.2 160.2



#48

2-Hexanone

Concen: 9.055 ug/L

RT: 8.018 min Scan# 2170

Delta R.T. -0.051 min

Lab File: VV037486.D

Acq: 23 Sep 2024 16:38

Tgt Ion: 43 Resp: 45472

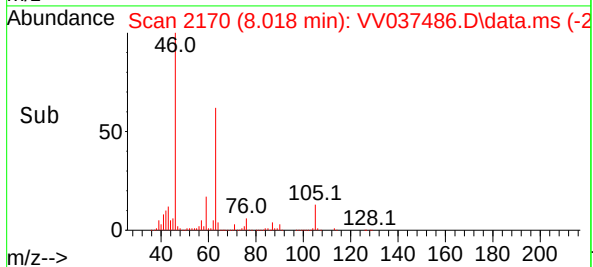
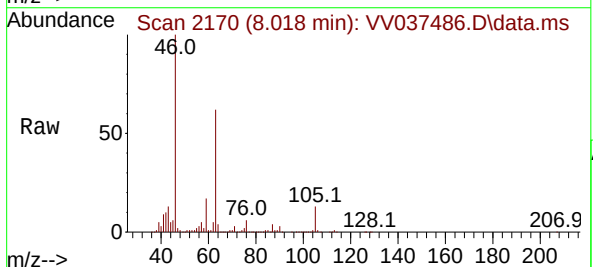
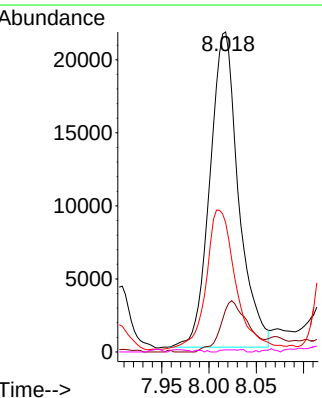
Ion Ratio Lower Upper

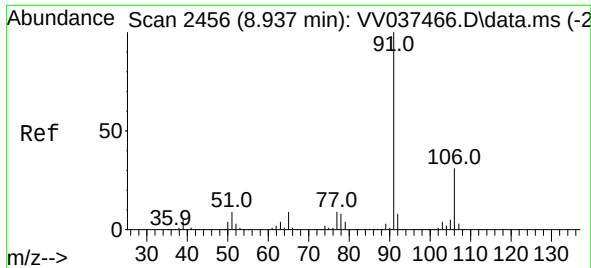
43 100

58 15.7 46.0 69.0#

57 45.3 15.6 23.4#

100 0.2 10.6 16.0#

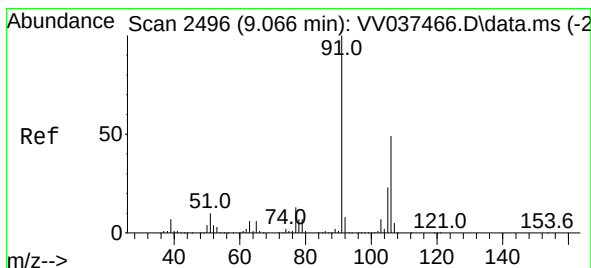
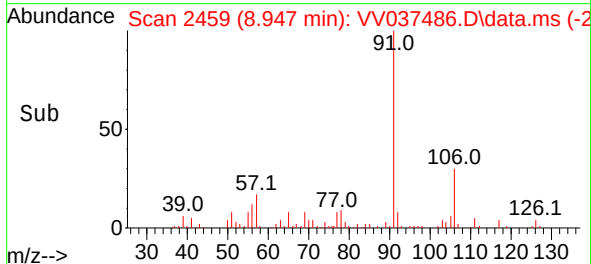
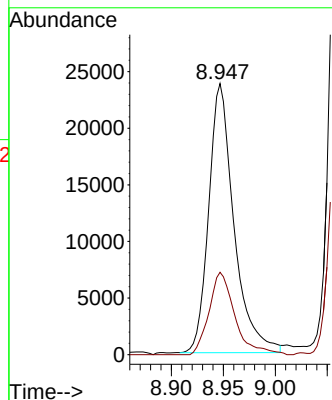
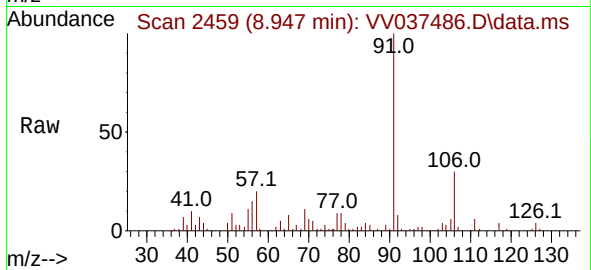




#52
Ethylbenzene
Concen: 1.432 ug/L
RT: 8.947 min Scan# 2456
Delta R.T. 0.010 min
Lab File: VV037486.D
Acq: 23 Sep 2024 16:38

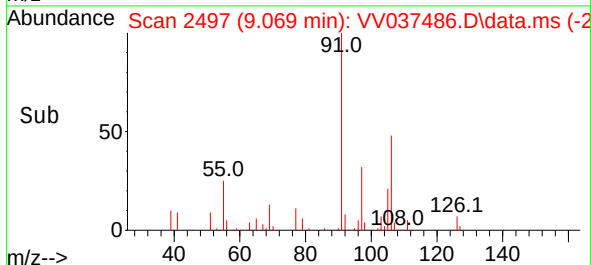
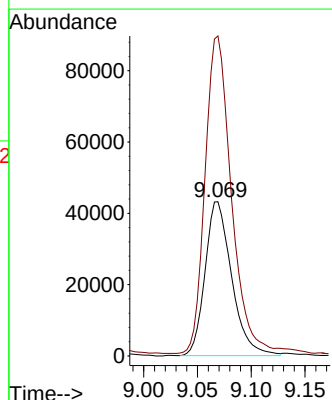
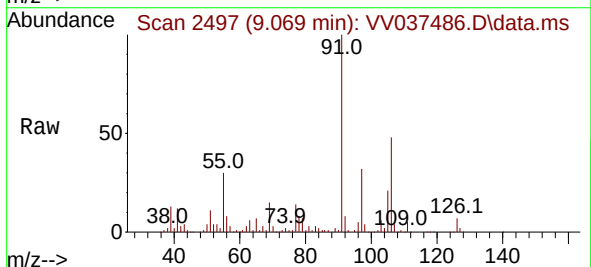
Instrument :
MSVOA_V
ClientSampleId :

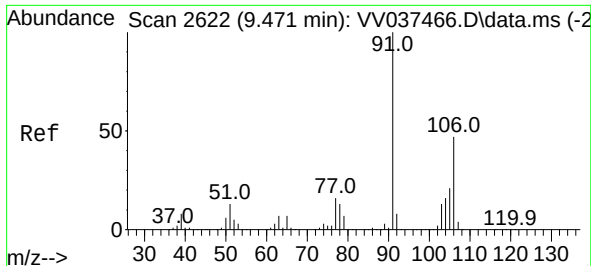
Tgt Ion: 91 Resp: 40114
Ion Ratio Lower Upper
91 100
106 30.4 21.4 39.8



#53
m,p-Xylene
Concen: 7.145 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.003 min
Lab File: VV037486.D
Acq: 23 Sep 2024 16:38

Tgt Ion: 106 Resp: 74181
Ion Ratio Lower Upper
106 100
91 207.5 143.0 265.6

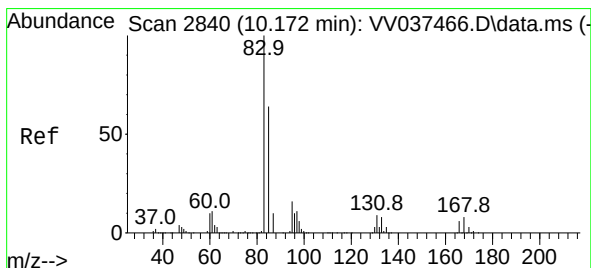
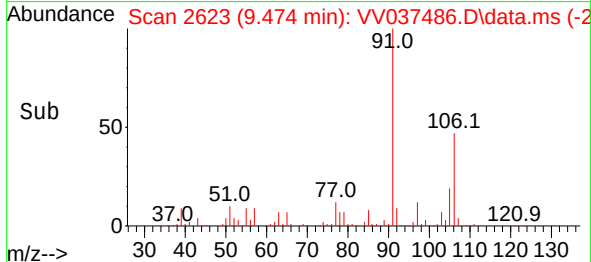
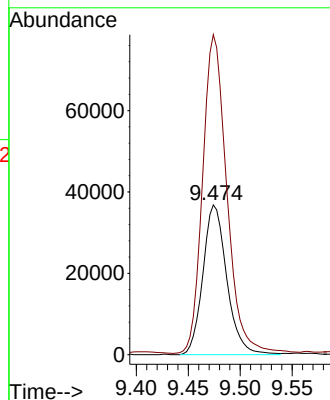
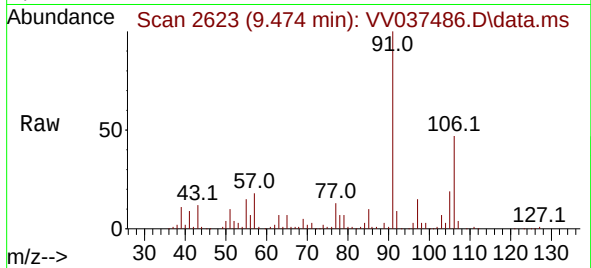




#54
o-Xylene
Concen: 5.800 ug/L
RT: 9.474 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV037486.D
Acq: 23 Sep 2024 16:38

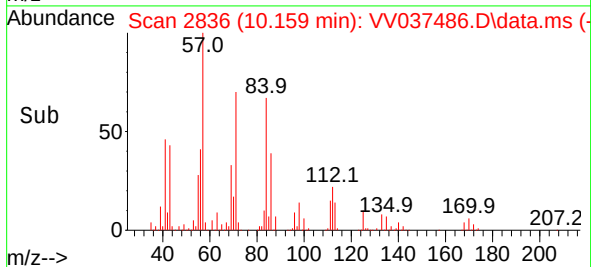
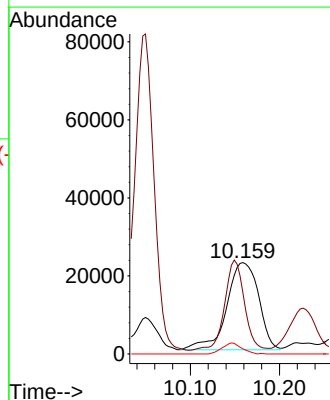
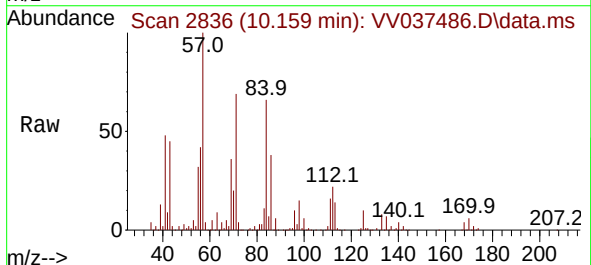
Instrument :
MSVOA_V
ClientSampleId :

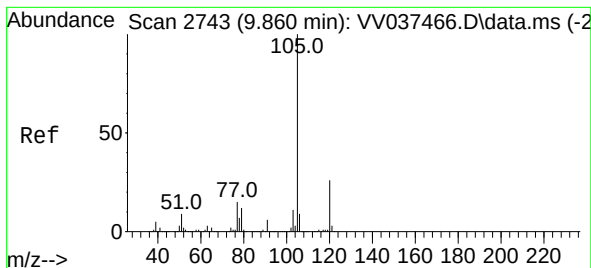
Tgt Ion:106 Resp: 58951
Ion Ratio Lower Upper
106 100
91 213.6 153.2 284.6



#57
1,1,2,2-Tetrachloroethane
Concen: 6.353 ug/L
RT: 10.159 min Scan# 2836
Delta R.T. -0.013 min
Lab File: VV037486.D
Acq: 23 Sep 2024 16:38

Tgt Ion: 83 Resp: 55948
Ion Ratio Lower Upper
83 100
85 66.9 45.1 83.7
131 5.6 7.4 11.0#





#60

Isopropylbenzene

Concen: 17.034 ug/L

RT: 10.667 min Scan# 20

Delta R.T. 0.807 min

Lab File: VV037486.D

Acq: 23 Sep 2024 16:38

Instrument :

MSVOA_V

ClientSampleId :

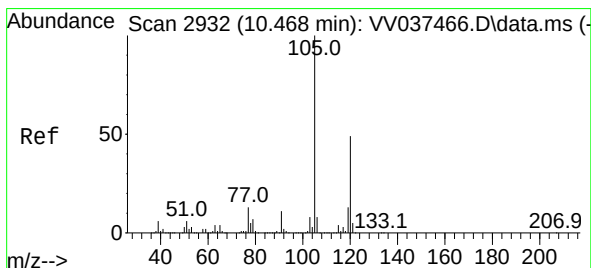
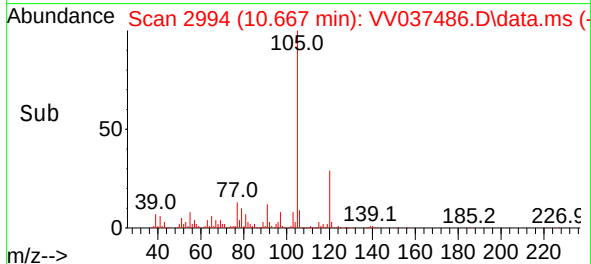
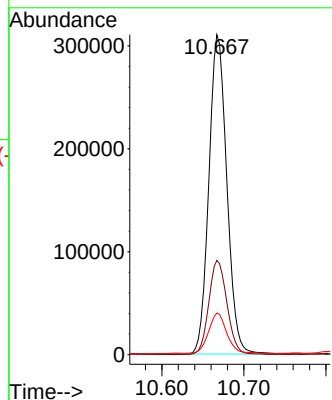
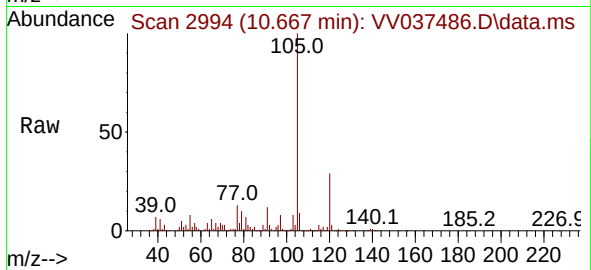
Tgt Ion:105 Resp: 471832

Ion Ratio Lower Upper

105 100

120 29.7 20.9 31.3

77 12.9 12.6 19.0



#62

1,3,5-Trimethylbenzene

Concen: 28.957 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV037486.D

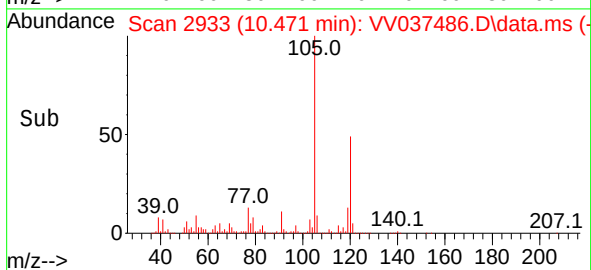
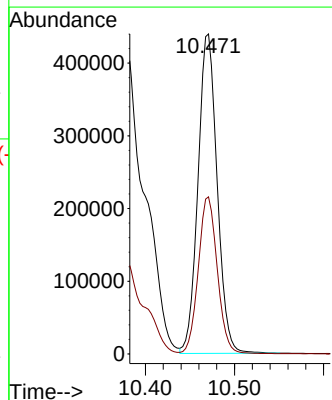
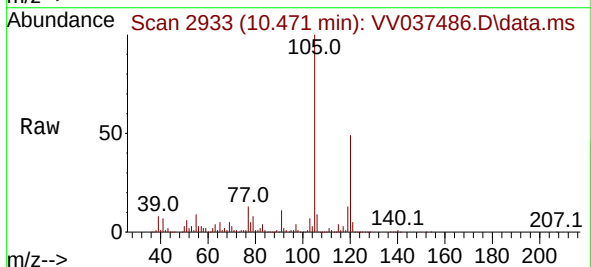
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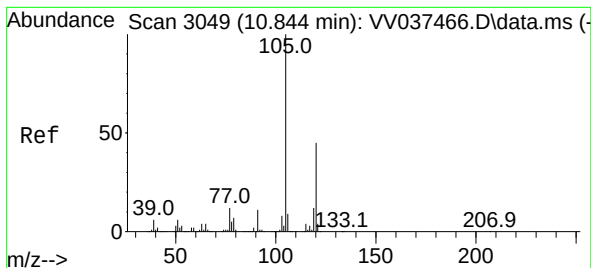
Tgt Ion:105 Resp: 656255

Ion Ratio Lower Upper

105 100

120 48.5 38.3 57.5





#63

1,2,4-Trimethylbenzene

Concen: 49.859 ug/L

RT: 10.844 min Scan# 3049

Delta R.T. -0.000 min

Lab File: VV037486.D

Acq: 23 Sep 2024 16:38

Instrument :

MSVOA_V

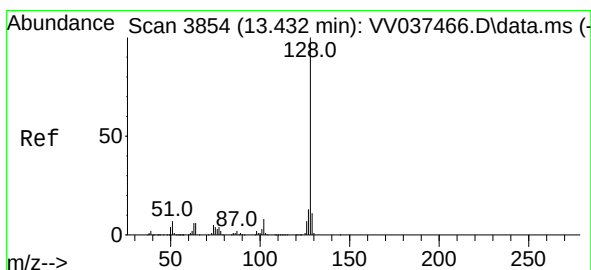
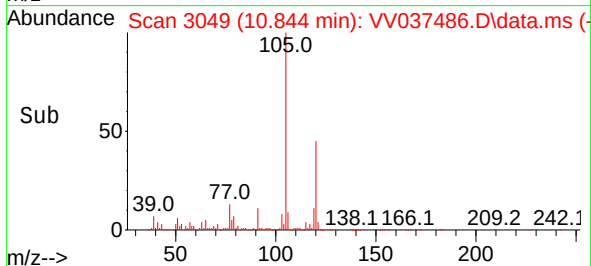
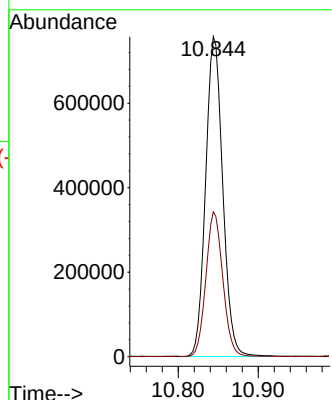
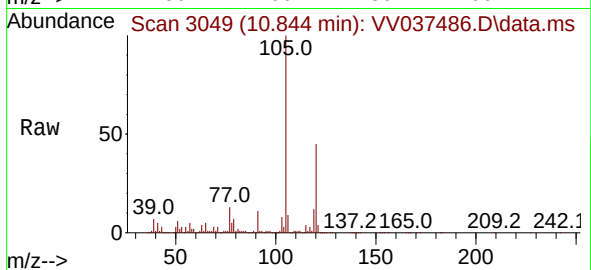
ClientSampleId :

Tgt Ion:105 Resp: 1127632

Ion Ratio Lower Upper

105 100

120 44.6 35.8 53.6



#71

Naphthalene

Concen: 6.721 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV037486.D

Acq: 23 Sep 2024 16:38

Tgt Ion:128 Resp: 162635

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 12.6 8.8 13.2

