

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082224\
 Data File : VV037006.D
 Acq On : 22 Aug 2024 14:23
 Operator : SY/MD
 Sample : P3696-01
 Misc : 6.04g/10mL/MSVOA_V/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 23 05:20:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 05:07:38 2024
 Response via : Initial Calibration

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

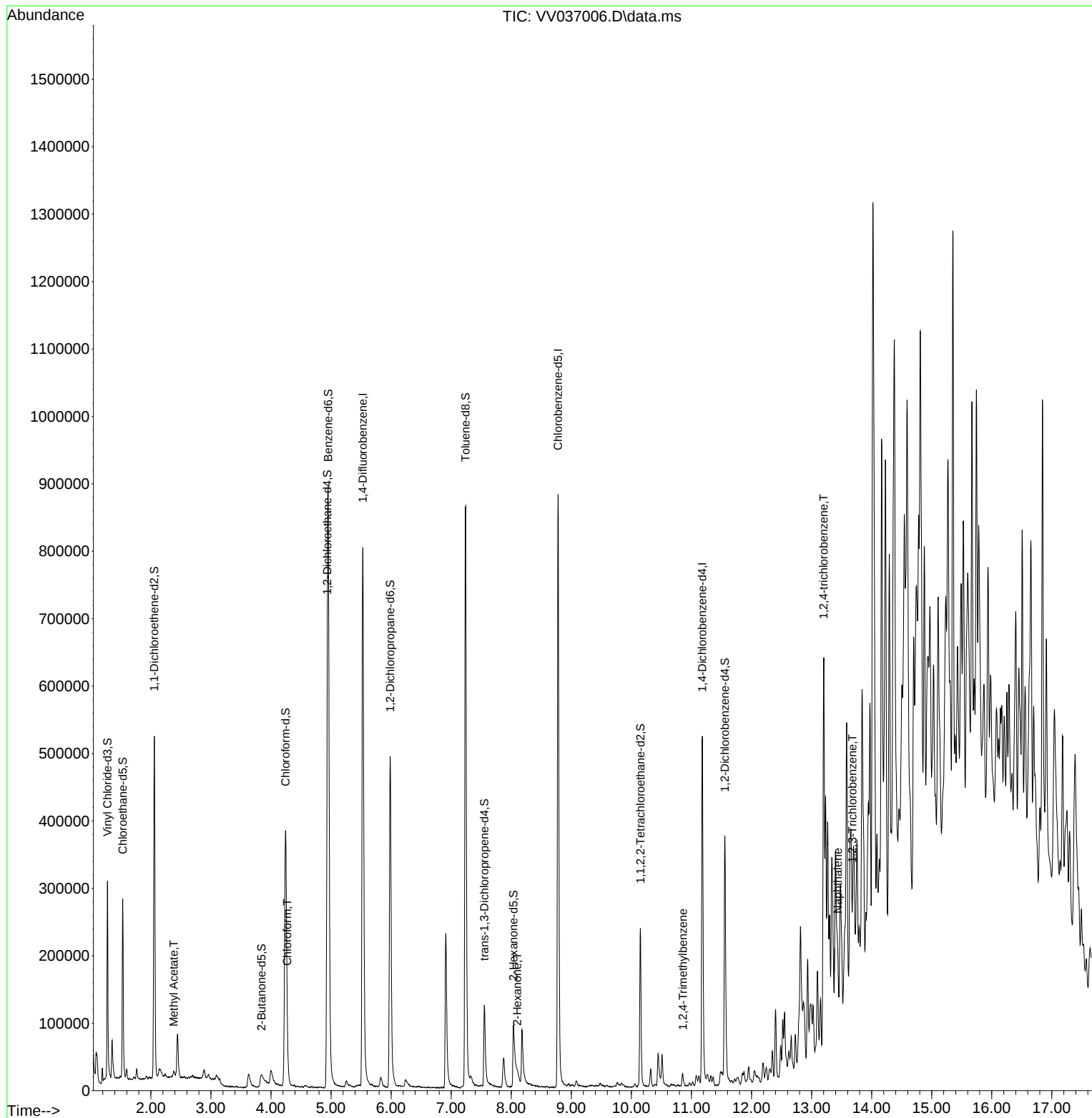
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	693111	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	476251	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	128370	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	174786	17.997	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.000%
7) Chloroethane-d5	1.532	69	174210	20.970	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.880%
11) 1,1-Dichloroethene-d2	2.056	65	85123	18.194	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.760%
21) 2-Butanone-d5	3.841	46	28686	15.927	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.860%
24) Chloroform-d	4.243	84	401622	20.562	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.240%
26) 1,2-Dichloroethane-d4	4.937	65	204613	22.773	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.080%
32) Benzene-d6	4.953	84	780629	27.353	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.400%
36) 1,2-Dichloropropane-d6	5.985	67	244110	28.253	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.000%
41) Toluene-d8	7.239	98	585623	22.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.040%
43) trans-1,3-Dichloroprop...	7.551	79	74716	24.786	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.160%
47) 2-Hexanone-d5	8.037	63	41399	54.170	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.340%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	114534	23.943	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.760%
66) 1,2-Dichlorobenzene-d4	11.558	152	91527	19.918	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.680%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.381	43	8550	2.482	ug/L	99
25) Chloroform	4.272	83	16384	0.836	ug/L	79
48) 2-Hexanone	8.101	43	4451	1.876	ug/L #	75
63) 1,2,4-Trimethylbenzene	10.857	105	5774	0.357	ug/L	94
70) 1,2,4-trichlorobenzene	13.201	180	2698	0.559	ug/L #	1
71) Naphthalene	13.439	128	28464	3.917	ug/L #	60
72) 1,2,3-Trichlorobenzene	13.680	180	1480	0.371	ug/L #	84

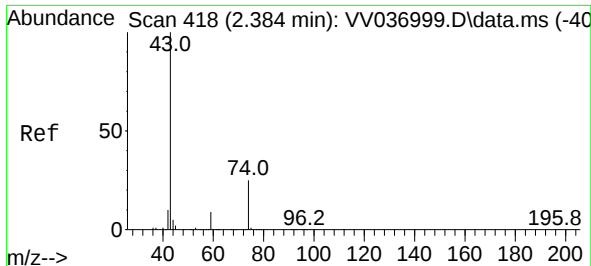
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 23 05:20:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082224SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 05:07:38 2024
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 2.482 ug/L

RT: 2.381 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV037006.D

Acq: 22 Aug 2024 14:23

Instrument :

MSVOA_V

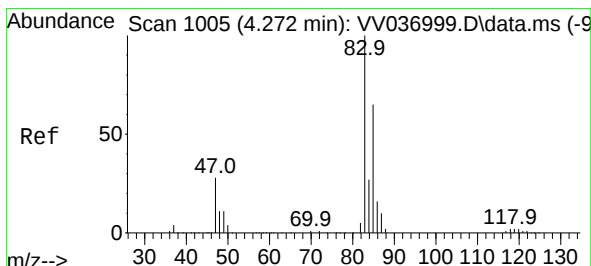
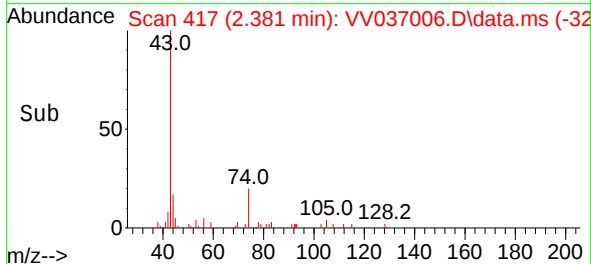
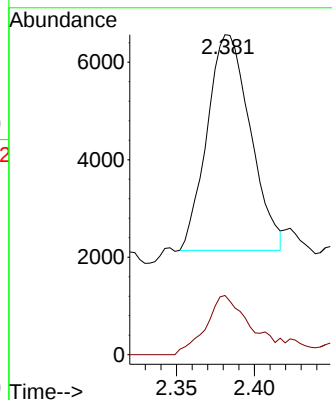
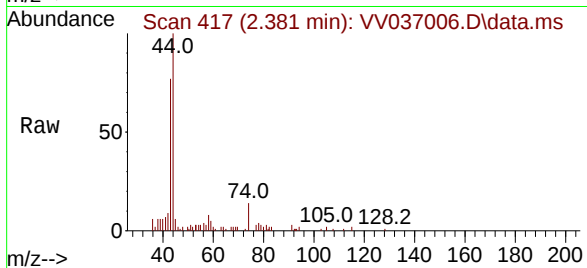
ClientSampleId :

Tgt Ion: 43 Resp: 8550

Ion Ratio Lower Upper

43 100

74 24.9 19.6 29.4



#25

Chloroform

Concen: 0.836 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. -0.000 min

Lab File: VV037006.D

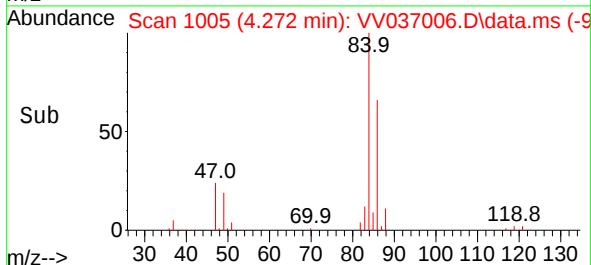
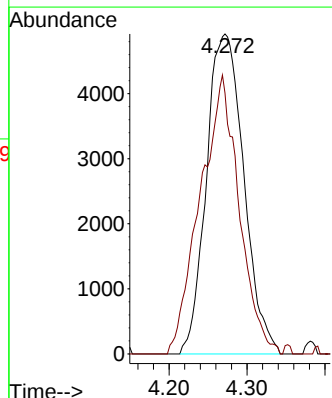
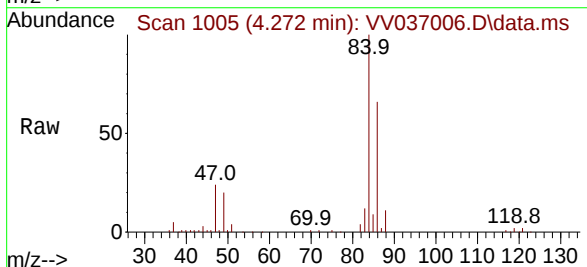
Acq: 22 Aug 2024 14:23

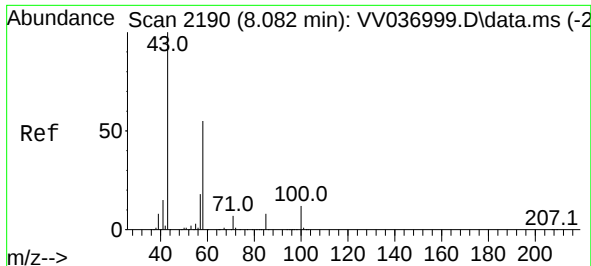
Tgt Ion: 83 Resp: 16384

Ion Ratio Lower Upper

83 100

85 81.5 45.5 84.5

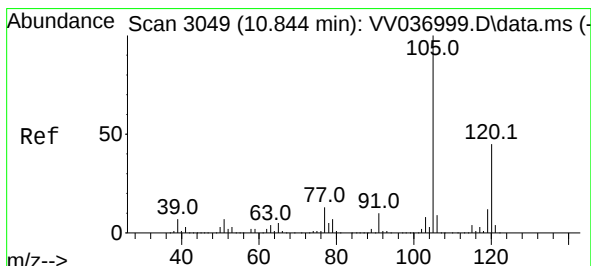
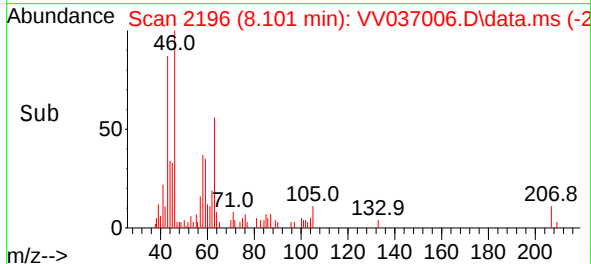
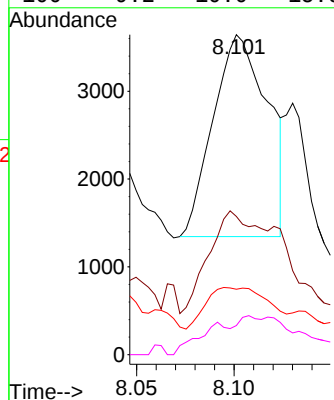
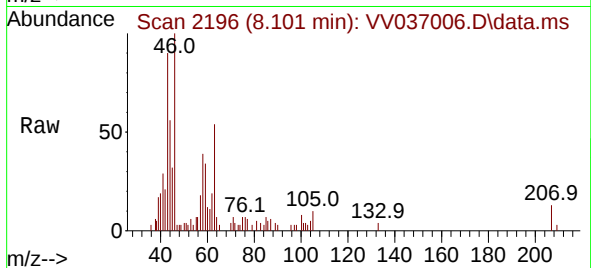




#48
2-Hexanone
Concen: 1.876 ug/L
RT: 8.101 min Scan# 2196
Delta R.T. 0.019 min
Lab File: VV037006.D
Acq: 22 Aug 2024 14:23

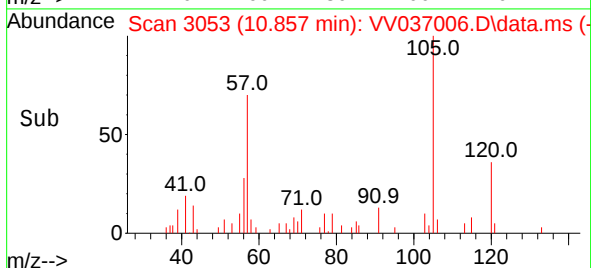
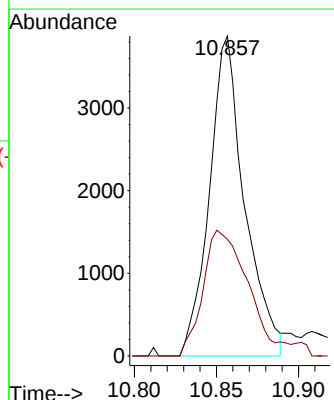
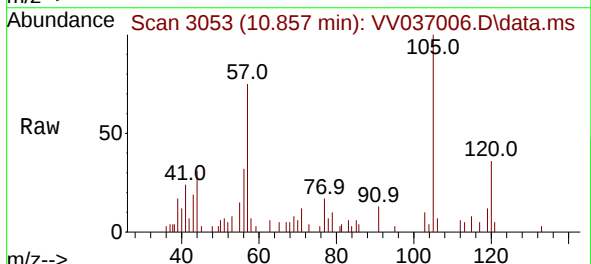
Instrument :
MSVOA_V
ClientSampleId :

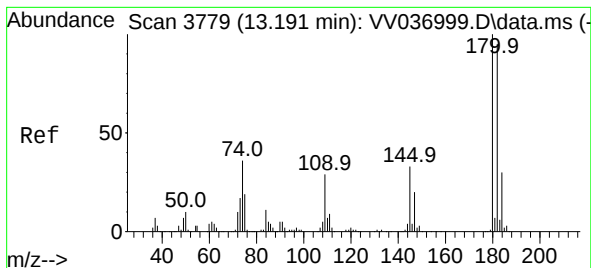
Tgt Ion: 43 Resp: 4451
Ion Ratio Lower Upper
43 100
58 35.9 47.9 71.9#
57 12.0 15.1 22.7#
100 9.2 10.0 15.0#



#63
1,2,4-Trimethylbenzene
Concen: 0.357 ug/L
RT: 10.857 min Scan# 3053
Delta R.T. 0.013 min
Lab File: VV037006.D
Acq: 22 Aug 2024 14:23

Tgt Ion: 105 Resp: 5774
Ion Ratio Lower Upper
105 100
120 48.9 36.2 54.2





#70

1,2,4-trichlorobenzene

Concen: 0.559 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.010 min

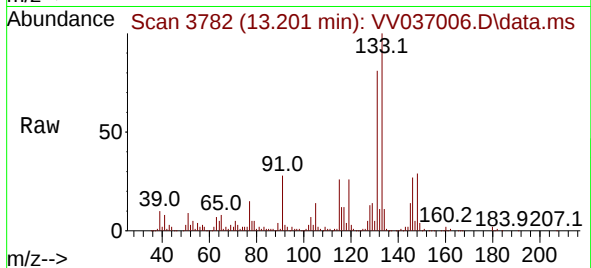
Lab File: VV037006.D

Acq: 22 Aug 2024 14:23

Instrument :

MSVOA_V

ClientSampleId :



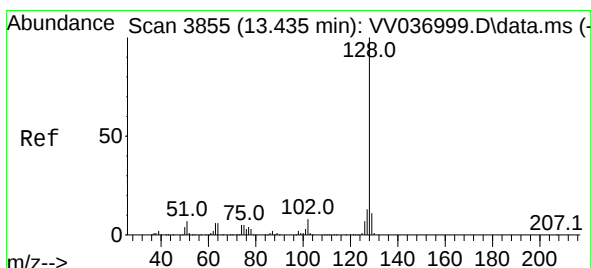
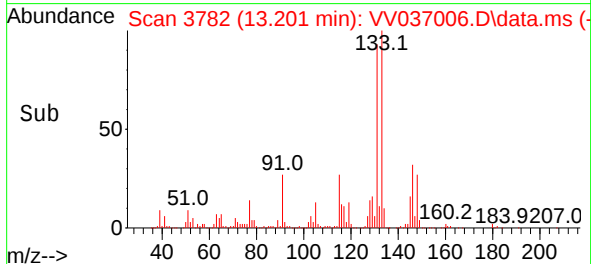
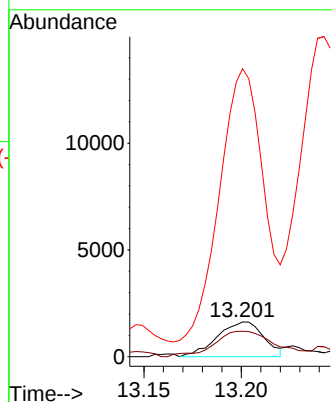
Tgt Ion:180 Resp: 2698

Ion Ratio Lower Upper

180 100

182 78.2 76.0 114.0

145 751.7 25.8 38.6#



#71

Naphthalene

Concen: 3.917 ug/L

RT: 13.439 min Scan# 3856

Delta R.T. 0.003 min

Lab File: VV037006.D

Acq: 22 Aug 2024 14:23

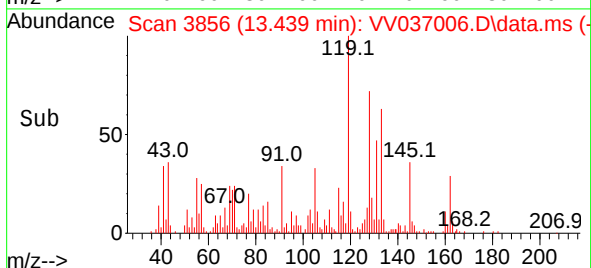
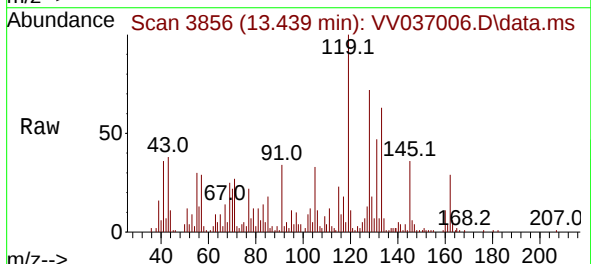
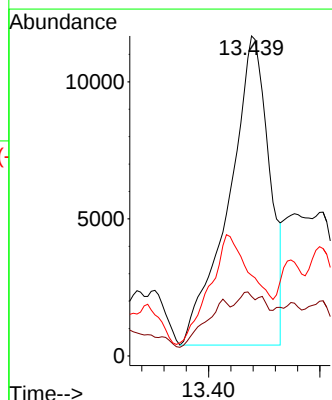
Tgt Ion:128 Resp: 28464

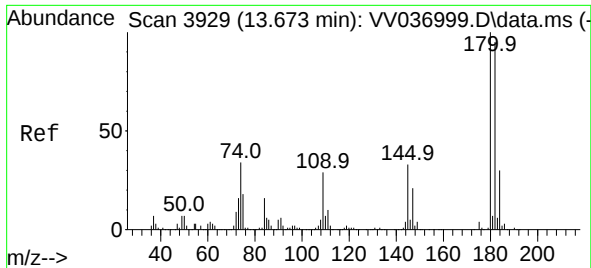
Ion Ratio Lower Upper

128 100

127 9.2 10.2 15.4#

129 39.5 8.6 13.0#





#72

1,2,3-Trichlorobenzene

Concen: 0.371 ug/L

RT: 13.680 min Scan# 3929

Delta R.T. 0.006 min

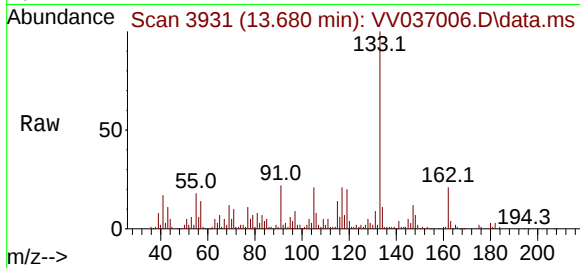
Lab File: VV037006.D

Acq: 22 Aug 2024 14:23

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1480

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.4

145 0.0 26.6 40.0#

