

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072524\
 Data File : VV036676.D
 Acq On : 24 Jul 2024 21:19
 Operator : SY/MD
 Sample : VV0724MBL01
 Misc : 5.00g/5.00mL/100uL/5.00mLMSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 03:06:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 03:06:08 2024
 Response via : Initial Calibration

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

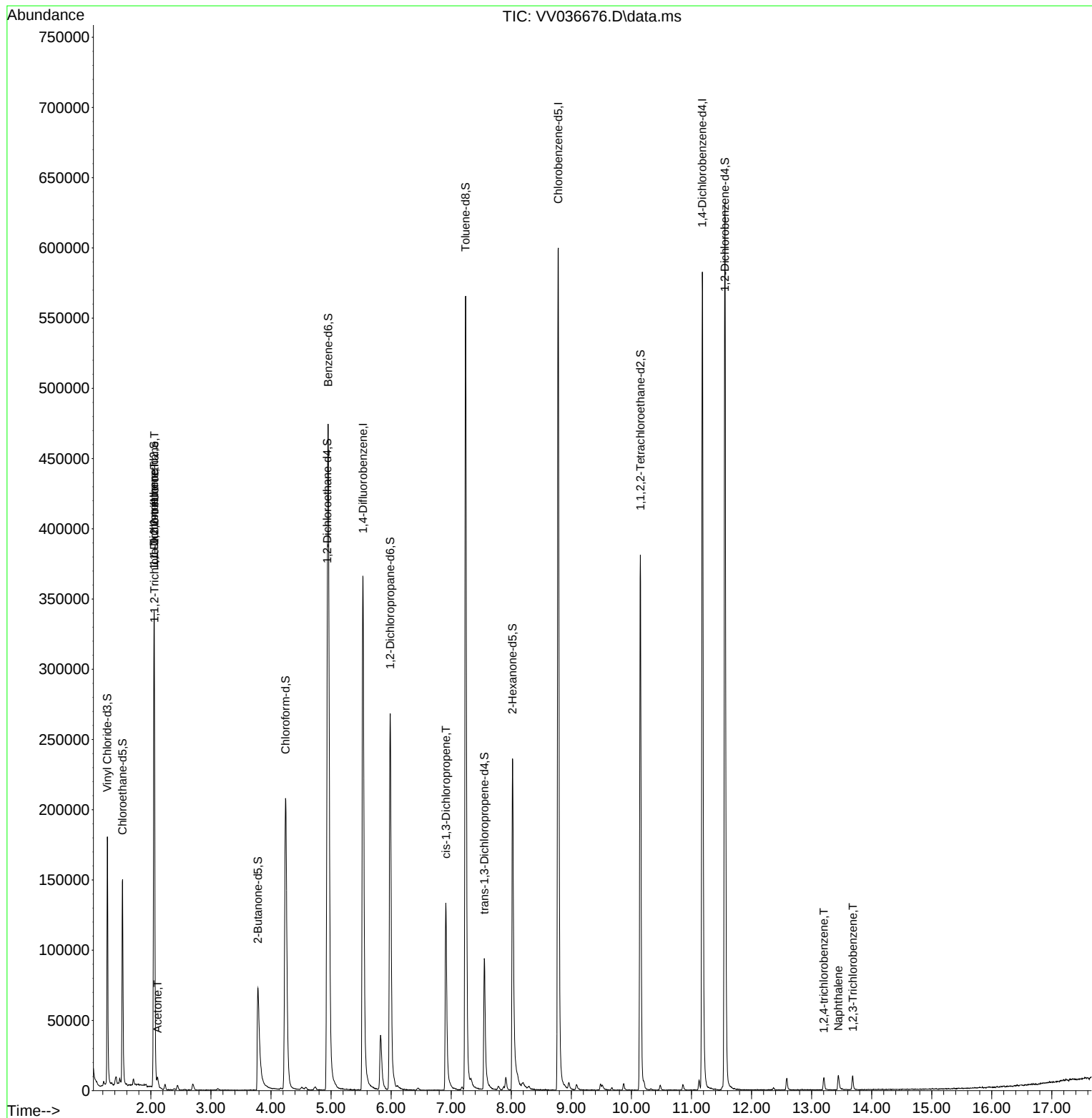
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	354044	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	365729	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	169460	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	113931	43.731	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.460%		
7) Chloroethane-d5	1.529	69	99775	44.728	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.460%		
11) 1,1-Dichloroethene-d2	2.053	65	54760	43.942	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.880%		
21) 2-Butanone-d5	3.783	46	113609	85.084	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.080%		
24) Chloroform-d	4.243	84	232238	43.537	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.080%		
26) 1,2-Dichloroethane-d4	4.937	65	147211	46.342	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.680%		
32) Benzene-d6	4.953	84	437376	45.592	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.180%		
36) 1,2-Dichloropropane-d6	5.985	67	128261	47.097	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.200%		
41) Toluene-d8	7.239	98	402608	43.026	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.060%		
43) trans-1,3-Dichloroprop...	7.551	79	59359	40.272	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.540%		
47) 2-Hexanone-d5	8.021	63	82199	81.554	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.550%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	174400	41.328	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.660%		
66) 1,2-Dichlorobenzene-d4	11.557	152	178460	51.088	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.180%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	3109	1.031	ug/L #	55
12) 1,1-Dichloroethene	2.056	96	2591	0.941	ug/L #	1
13) Acetone	2.111	43	5745	4.488	ug/L	96
39) cis-1,3-Dichloropropene	6.911	75	3791	0.943	ug/L #	63
70) 1,2,4-trichlorobenzene	13.204	180	3978	1.094	ug/L	89
71) Naphthalene	13.445	128	10895	1.117	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	3709	0.956	ug/L	94

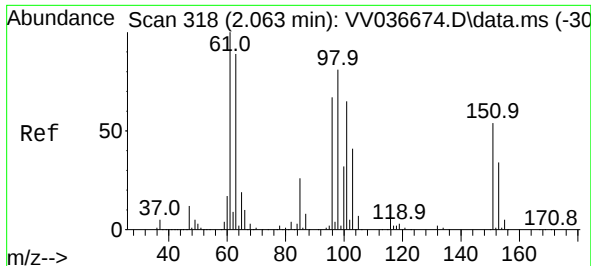
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 25 03:06:51 2024
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Quant Title : VOC Analysis
QLast Update : Thu Jul 25 03:06:08 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.031 ug/L

RT: 2.059 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV036676.D

Acq: 24 Jul 2024 21:19

Instrument :

MSVOA_V

ClientSampleId :

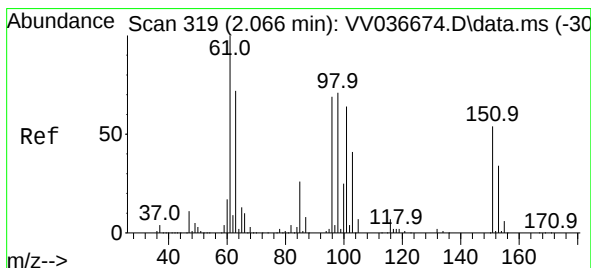
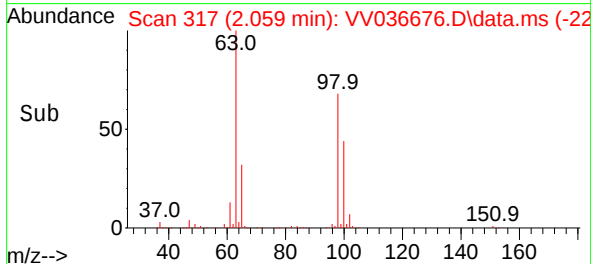
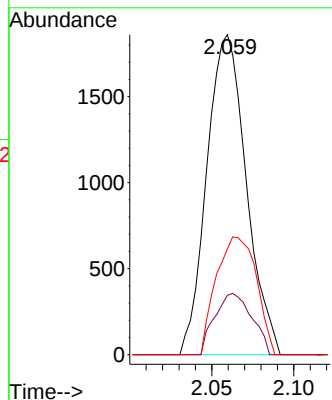
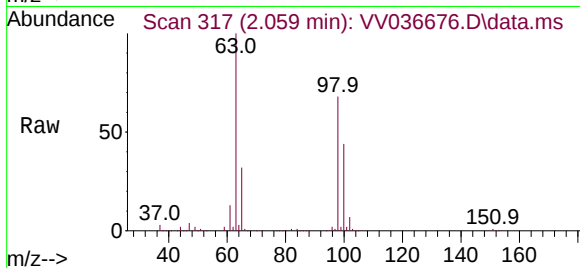
Tgt Ion:101 Resp: 3109

Ion Ratio Lower Upper

101 100

85 18.0 32.4 48.6#

151 37.4 65.7 98.5#



#12

1,1-Dichloroethene

Concen: 0.941 ug/L

RT: 2.056 min Scan# 316

Delta R.T. -0.010 min

Lab File: VV036676.D

Acq: 24 Jul 2024 21:19

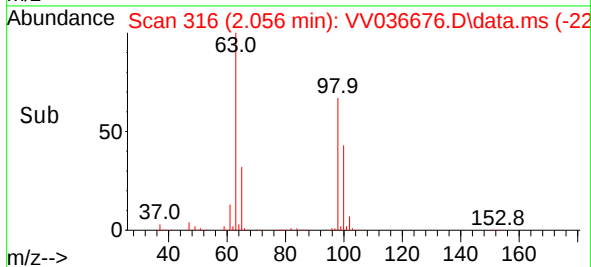
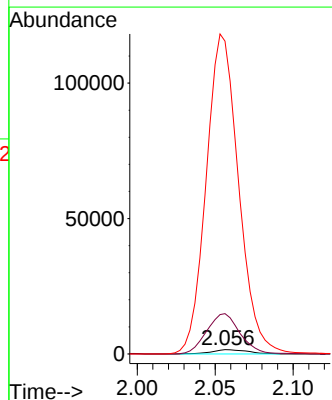
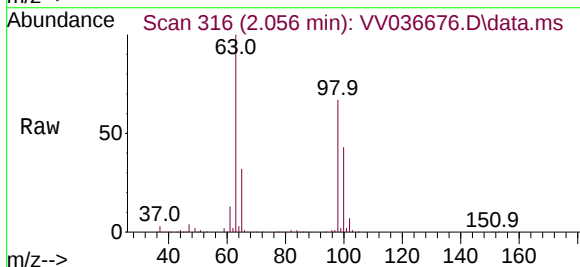
Tgt Ion: 96 Resp: 2591

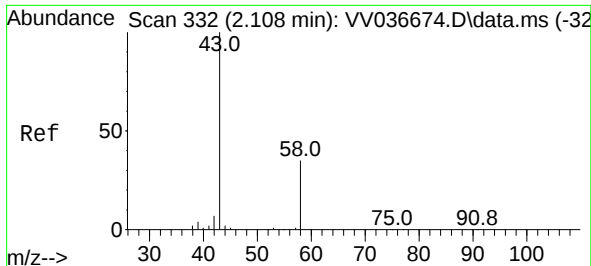
Ion Ratio Lower Upper

96 100

61 939.0 100.4 186.4#

63 7283.2 70.8 131.4#





#13

Acetone

Concen: 4.488 ug/L

RT: 2.111 min Scan# 332

Delta R.T. 0.003 min

Lab File: VV036676.D

Acq: 24 Jul 2024 21:19

Instrument :

MSVOA_V

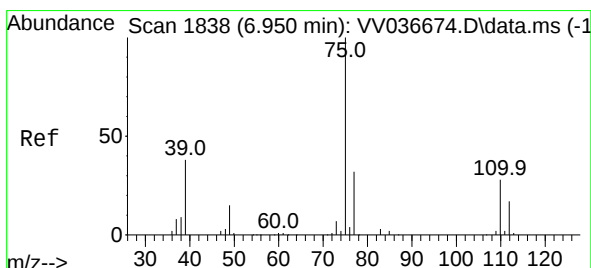
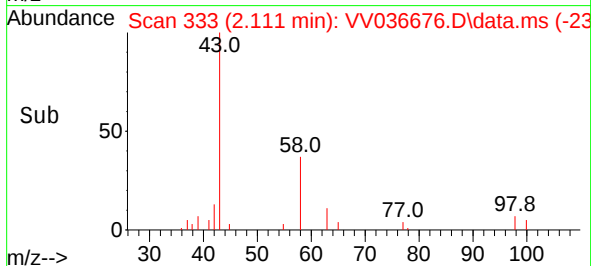
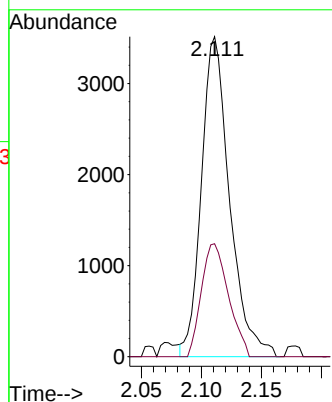
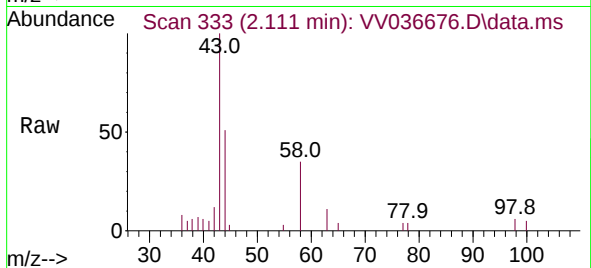
ClientSampleId :

Tgt Ion: 43 Resp: 5745

Ion Ratio Lower Upper

43 100

58 33.9 0.0 72.4



#39

cis-1,3-Dichloropropene

Concen: 0.943 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.039 min

Lab File: VV036676.D

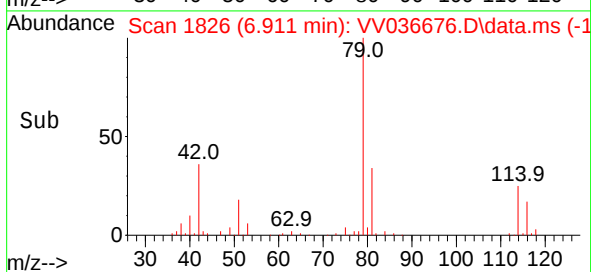
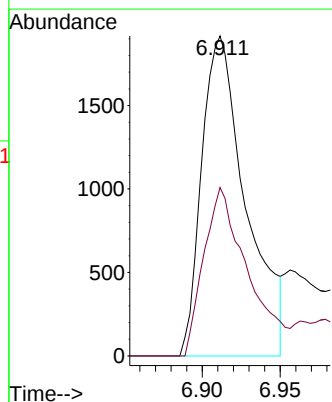
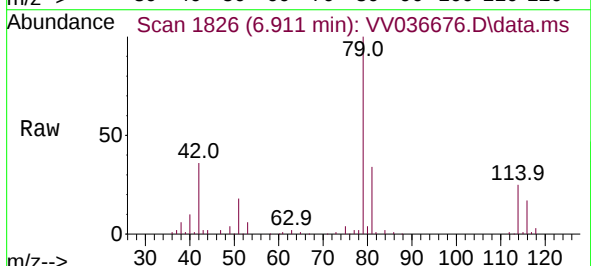
Acq: 24 Jul 2024 21:19

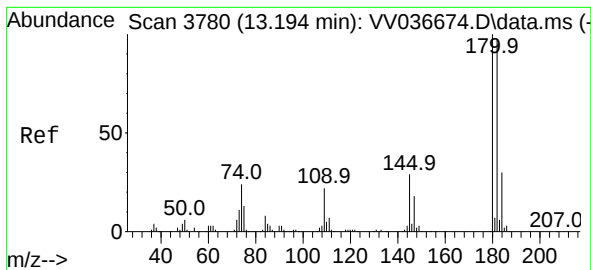
Tgt Ion: 75 Resp: 3791

Ion Ratio Lower Upper

75 100

77 52.6 22.3 41.3#





#70

1,2,4-trichlorobenzene

Concen: 1.094 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV036676.D

Acq: 24 Jul 2024 21:19

Instrument :

MSVOA_V

ClientSampleId :

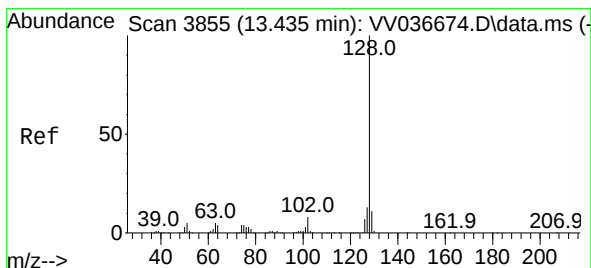
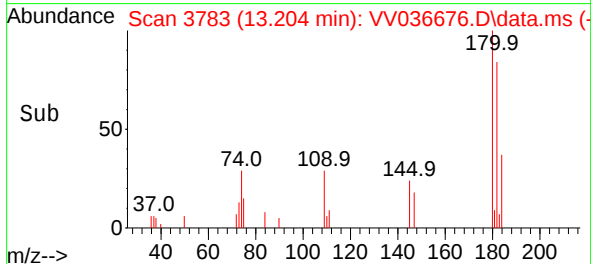
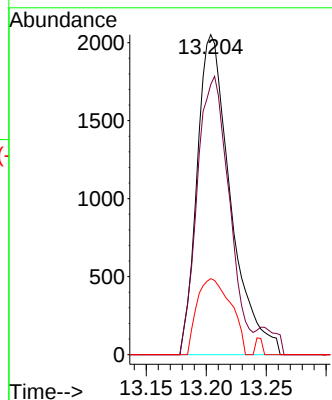
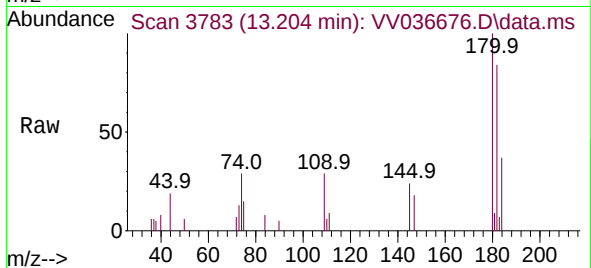
Tgt Ion:180 Resp: 3978

Ion Ratio Lower Upper

180 100

182 83.4 75.8 113.8

145 24.0 22.9 34.3



#71

Naphthalene

Concen: 1.117 ug/L

RT: 13.445 min Scan# 3858

Delta R.T. 0.010 min

Lab File: VV036676.D

Acq: 24 Jul 2024 21:19

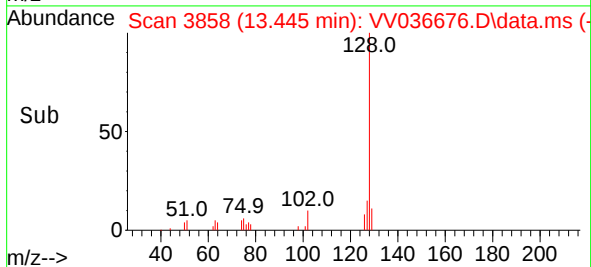
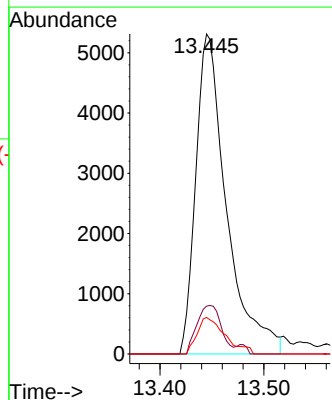
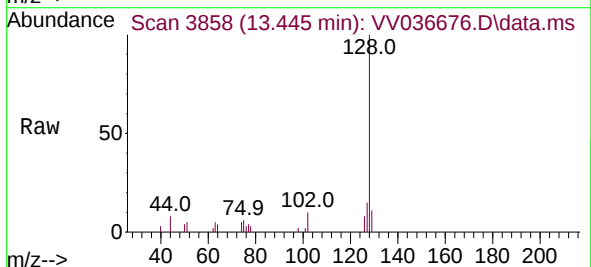
Tgt Ion:128 Resp: 10895

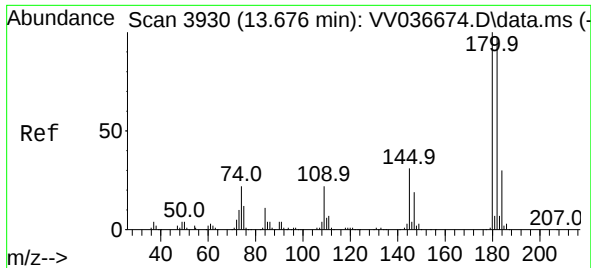
Ion Ratio Lower Upper

128 100

127 12.0 10.4 15.6

129 10.2 8.6 12.8





#72

1,2,3-Trichlorobenzene

Concen: 0.956 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.010 min

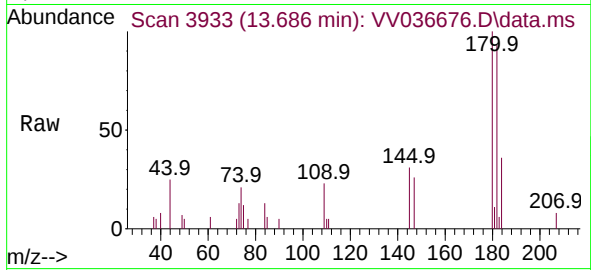
Lab File: VV036676.D

Acq: 24 Jul 2024 21:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 3709

Ion Ratio Lower Upper

180 100

182 101.7 76.4 114.6

145 32.0 23.9 35.9

