

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101624\
 Data File : VV037875.D
 Acq On : 16 Oct 2024 13:38
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 17 02:47:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 17 02:37:45 2024
 Response via : Initial Calibration

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

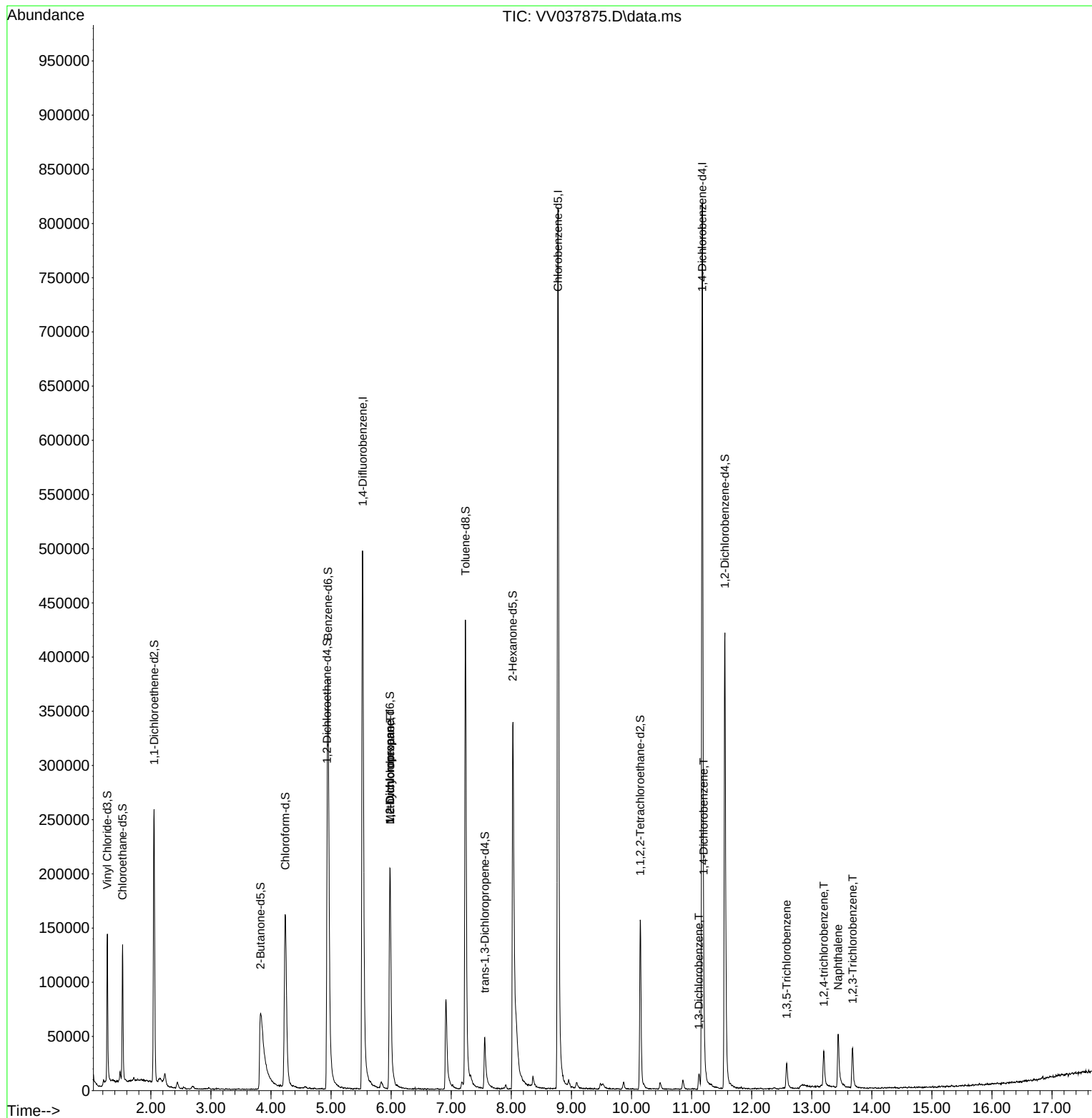
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	477107	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	484944	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	225454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	89602	2.851	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.000%
7) Chloroethane-d5	1.529	69	80915	2.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	57.800%#
11) 1,1-Dichloroethene-d2	2.053	65	41974	2.868	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.400%#
20) 2-Butanone-d5	3.825	46	190030	26.400	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	52.800%
24) Chloroform-d	4.236	84	185393	2.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	55.000%#
26) 1,2-Dichloroethane-d4	4.934	65	87900	2.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.600%#
32) Benzene-d6	4.950	84	363782	2.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.600%#
36) 1,2-Dichloropropane-d6	5.979	67	112801	3.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	60.800%
41) Toluene-d8	7.236	98	313576	2.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.000%#
43) trans-1,3-Dichloroprop...	7.558	79	37483	2.642	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.800%#
46) 2-Hexanone-d5	8.024	63	149037	25.100	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	50.200%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	82465	2.716	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	54.400%#
66) 1,2-Dichlorobenzene-d4	11.554	152	117441	3.055	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	61.000%#
Target Compounds						
					Qvalue	
35) Methylcyclohexane	5.982	83	28097	0.488	ug/L #	20
37) 1,2-Dichloropropane	5.982	63	12110	0.333	ug/L #	86
64) 1,3-Dichlorobenzene	11.124	146	6867	0.094	ug/L	89
65) 1,4-Dichlorobenzene	11.201	146	9789	0.130	ug/L	95
69) 1,3,5-Trichlorobenzene	12.583	180	8015	0.152	ug/L #	83
70) 1,2,4-trichlorobenzene	13.201	180	10944	0.255	ug/L #	86
71) Naphthalene	13.439	128	49327	0.739	ug/L	96
72) 1,2,3-Trichlorobenzene	13.680	180	13222	0.348	ug/L	98

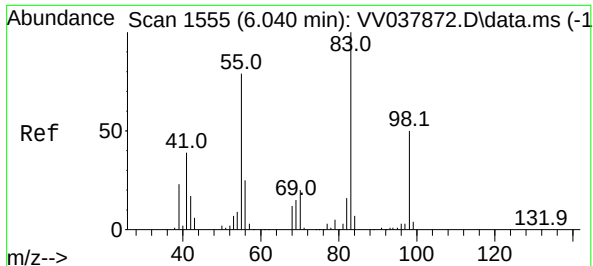
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 17 02:37:45 2024
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 0.488 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.058 min

Lab File: VV037875.D

Acq: 16 Oct 2024 13:38

Instrument :

MSVOA_V

ClientSampleId :

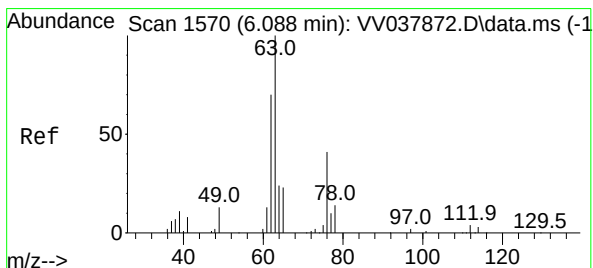
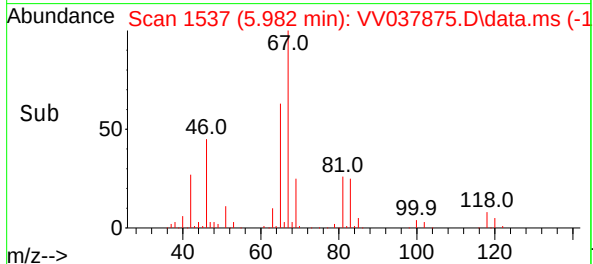
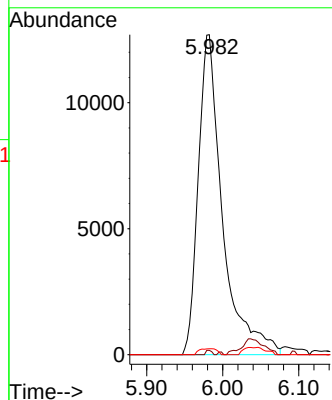
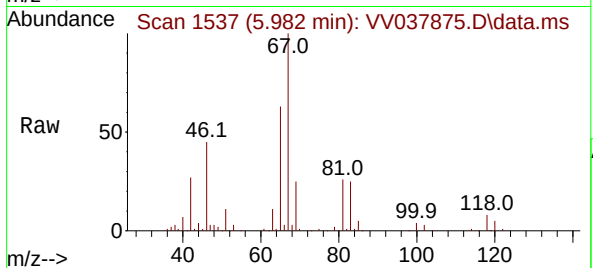
Tgt Ion: 83 Resp: 28097

Ion Ratio Lower Upper

83 100

55 0.3 59.7 89.5#

98 1.4 37.8 56.6#



#37

1,2-Dichloropropane

Concen: 0.333 ug/L

RT: 5.982 min Scan# 1537

Delta R.T. -0.106 min

Lab File: VV037875.D

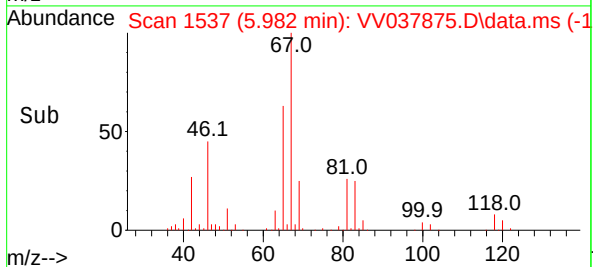
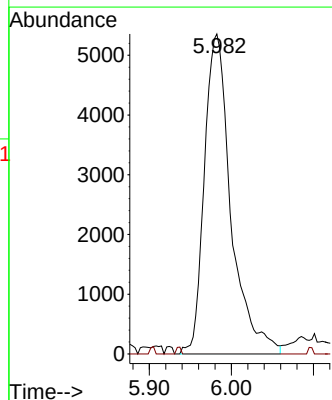
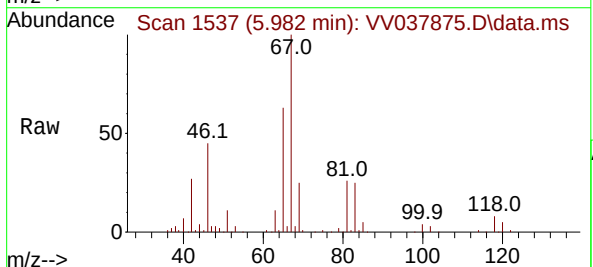
Acq: 16 Oct 2024 13:38

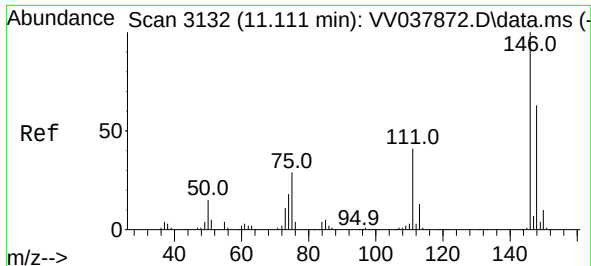
Tgt Ion: 63 Resp: 12110

Ion Ratio Lower Upper

63 100

112 0.4 3.9 5.9#





#64

1,3-Dichlorobenzene

Concen: 0.094 ug/L

RT: 11.124 min Scan# 3132

Delta R.T. 0.013 min

Lab File: VV037875.D

Acq: 16 Oct 2024 13:38

Instrument :

MSVOA_V

ClientSampleId :

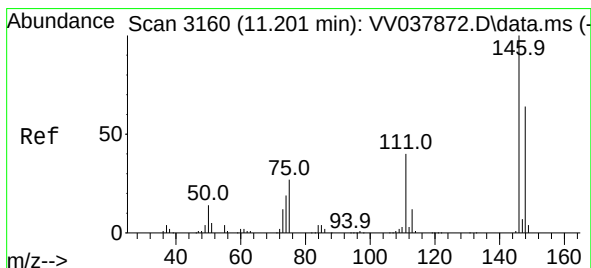
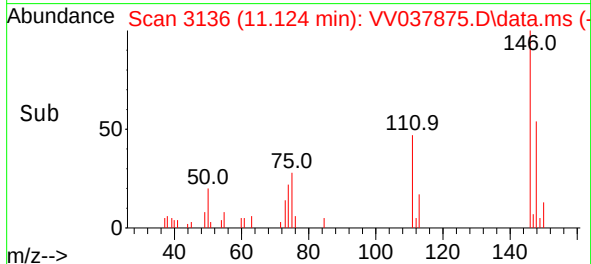
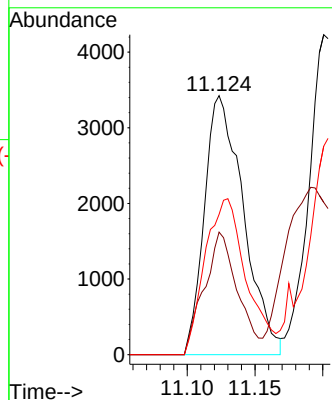
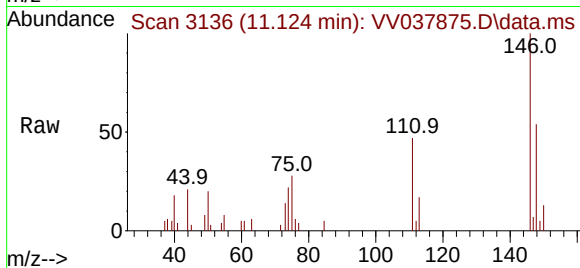
Tgt Ion:146 Resp: 6867

Ion Ratio Lower Upper

146 100

111 47.3 28.6 53.0

148 54.2 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 0.130 ug/L

RT: 11.201 min Scan# 3160

Delta R.T. 0.000 min

Lab File: VV037875.D

Acq: 16 Oct 2024 13:38

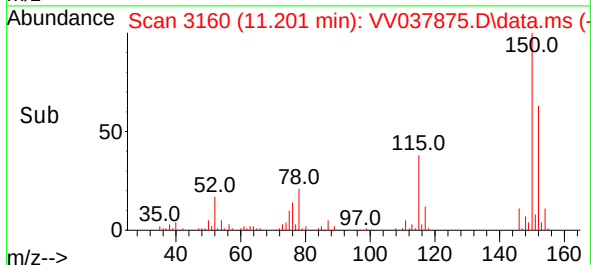
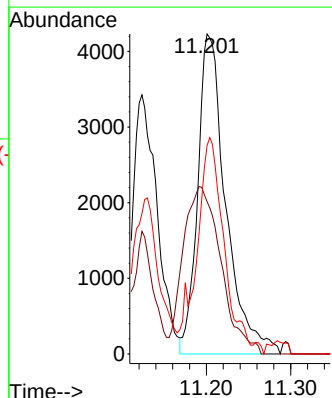
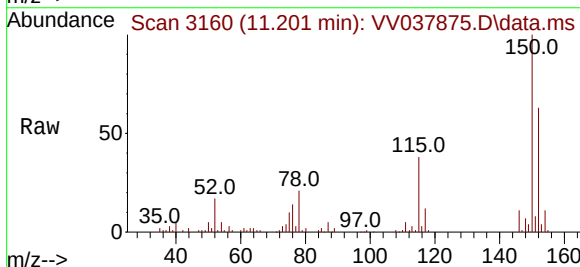
Tgt Ion:146 Resp: 9789

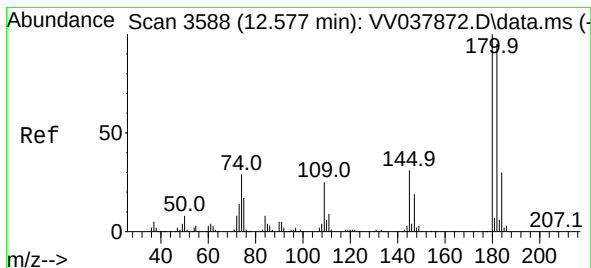
Ion Ratio Lower Upper

146 100

111 47.6 28.1 52.1

148 65.1 44.9 83.3





#69

1,3,5-Trichlorobenzene

Concen: 0.152 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.006 min

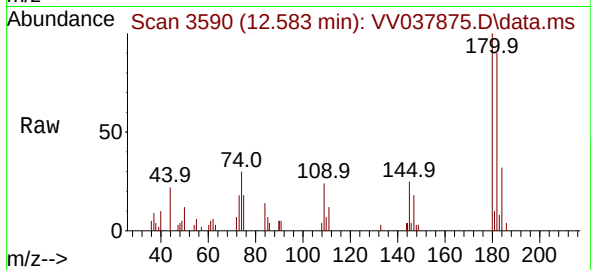
Lab File: VV037875.D

Acq: 16 Oct 2024 13:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 8015

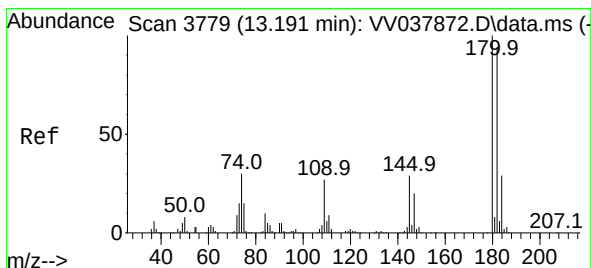
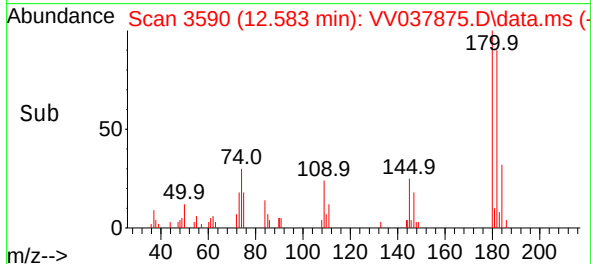
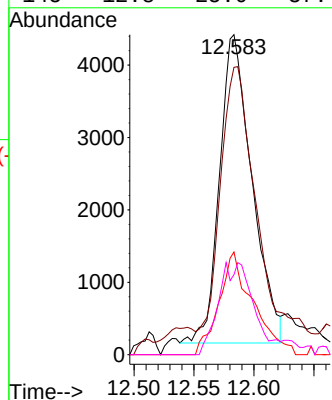
Ion Ratio Lower Upper

180 100

182 107.5 75.1 112.7

184 34.9 24.0 36.0

145 12.8 25.0 37.4#



#70

1,2,4-trichlorobenzene

Concen: 0.255 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.010 min

Lab File: VV037875.D

Acq: 16 Oct 2024 13:38

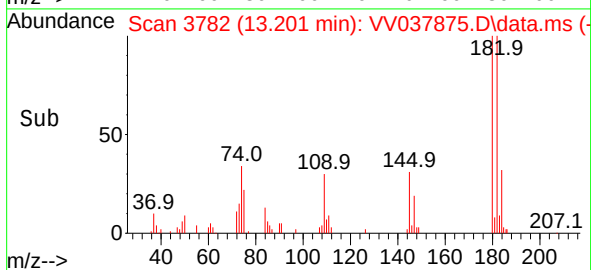
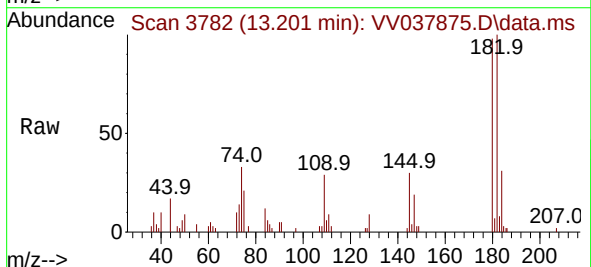
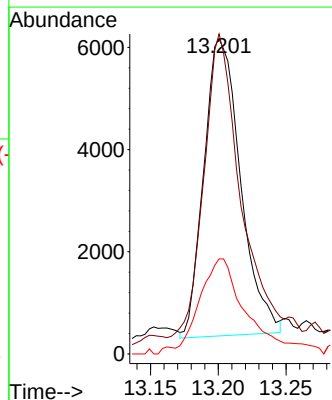
Tgt Ion:180 Resp: 10944

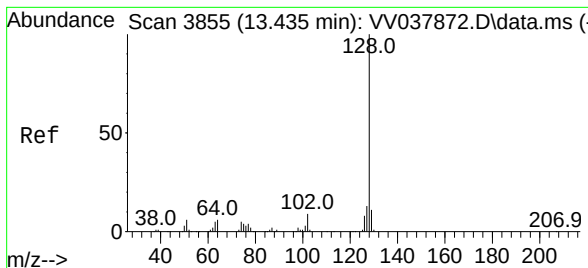
Ion Ratio Lower Upper

180 100

182 104.9 74.6 112.0

145 42.0 24.2 36.2#





#71

Naphthalene

Concen: 0.739 ug/L

RT: 13.439 min Scan# 3855

Delta R.T. 0.003 min

Lab File: VV037875.D

Acq: 16 Oct 2024 13:38

Instrument :

MSVOA_V

ClientSampleId :

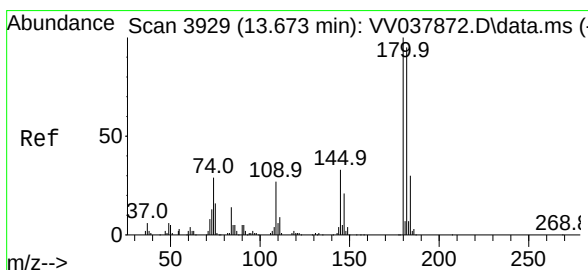
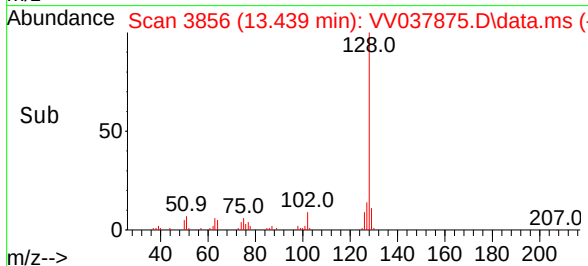
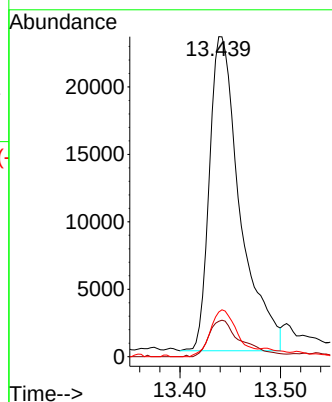
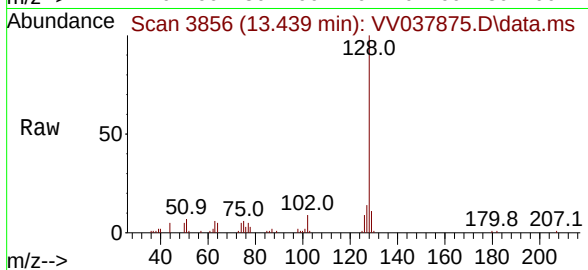
Tgt Ion:128 Resp: 49327

Ion Ratio Lower Upper

128 100

129 12.4 8.4 12.6

127 13.2 9.7 14.5



#72

1,2,3-Trichlorobenzene

Concen: 0.348 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.006 min

Lab File: VV037875.D

Acq: 16 Oct 2024 13:38

Tgt Ion:180 Resp: 13222

Ion Ratio Lower Upper

180 100

182 94.2 77.0 115.6

145 33.2 27.3 40.9

