

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061325.D
 Acq On : 31 Oct 2024 21:09
 Operator : MD/SY
 Sample : VU1031WBL02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 00:44:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 01 00:44:02 2024
 Response via : Initial Calibration

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

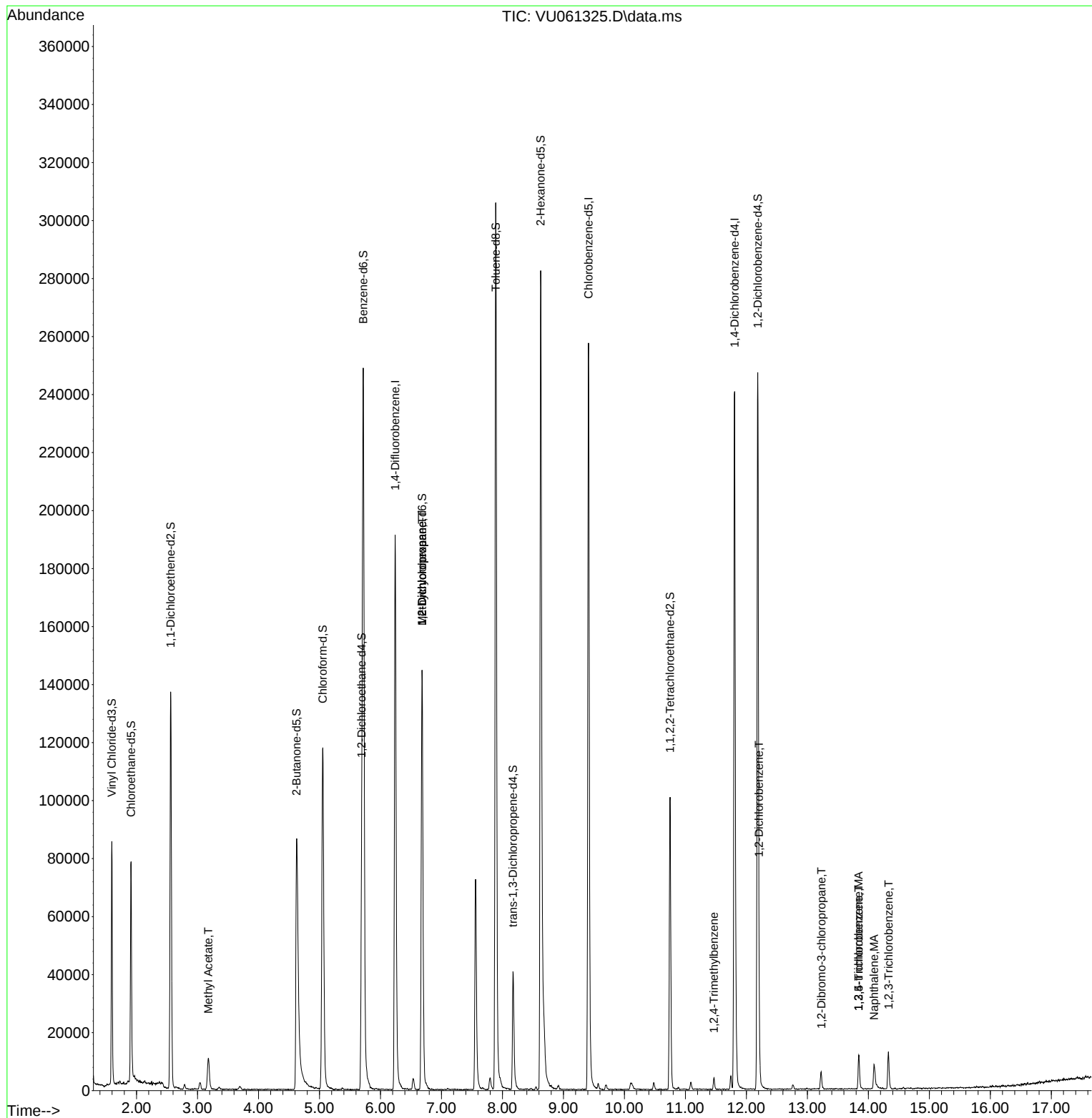
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	165156	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	148981	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	66645	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	58682	5.231	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.600%
7) Chloroethane-d5	1.911	69	54061	5.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.560	65	25885	5.393	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.800%
20) 2-Butanone-d5	4.624	46	121857	53.498	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.000%
24) Chloroform-d	5.055	84	111982	5.258	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.692	65	59192	5.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	5.717	84	238571	5.683	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.600%
36) 1,2-Dichloropropane-d6	6.682	67	71809	5.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.800%
41) Toluene-d8	7.891	98	218349	5.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
43) trans-1,3-Dichloroprop...	8.174	79	25205	4.892	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.800%
46) 2-Hexanone-d5	8.627	63	110419	52.331	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.660%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	51147	5.359	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	67373	5.709	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						
					Qvalue	
15) Methyl Acetate	3.177	43	948	0.265	ug/L #	47
35) Methylcyclohexane	6.682	83	16506	0.827	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	7816	0.669	ug/L #	89
63) 1,2,4-Trimethylbenzene	11.470	105	2809	0.069	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	2488	0.123	ug/L	94
68) 1,2-Dibromo-3-chloropr...	13.228	75	454	0.326	ug/L #	2
69) 1,3,5-Trichlorobenzene	13.842	180	4566	0.311	ug/L	95
70) 1,2,4-trichlorobenzene	13.842	180	4566	0.385	ug/L	95
71) Naphthalene	14.093	128	10783	0.577	ug/L	96
72) 1,2,3-Trichlorobenzene	14.331	180	4493	0.453	ug/L	96

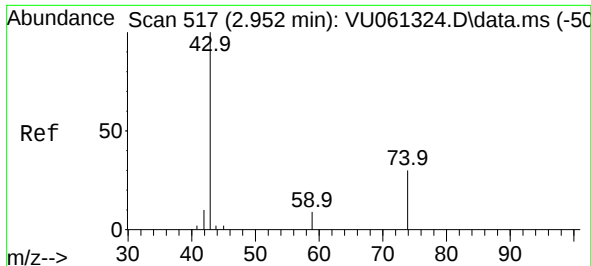
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#15

Methyl Acetate

Concen: 0.265 ug/L

RT: 3.177 min Scan# 51

Delta R.T. 0.225 min

Lab File: VU061325.D

Acq: 31 Oct 2024 21:09

Instrument :

MSVOA_U

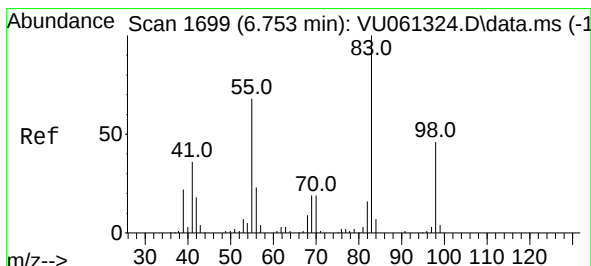
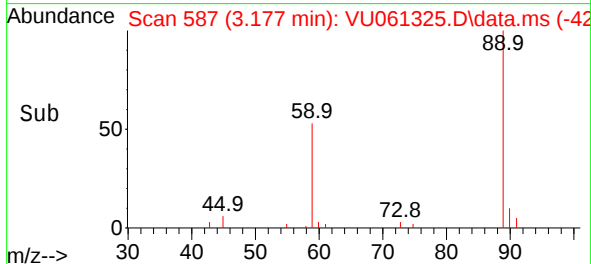
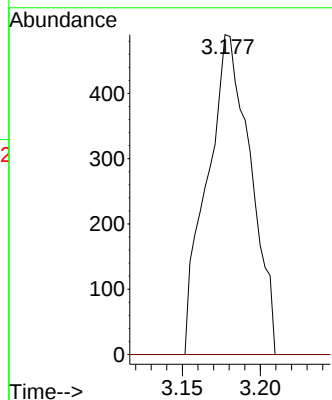
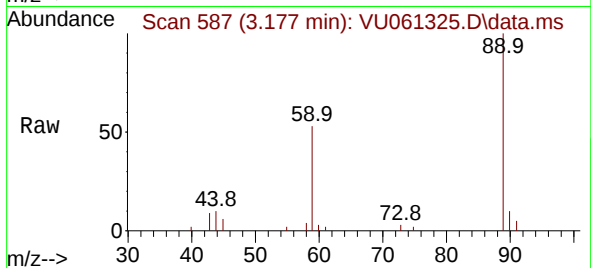
ClientSampleId :

Tgt Ion: 43 Resp: 948

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.4#



#35

Methylcyclohexane

Concen: 0.827 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU061325.D

Acq: 31 Oct 2024 21:09

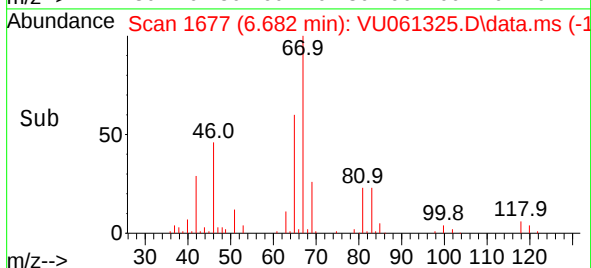
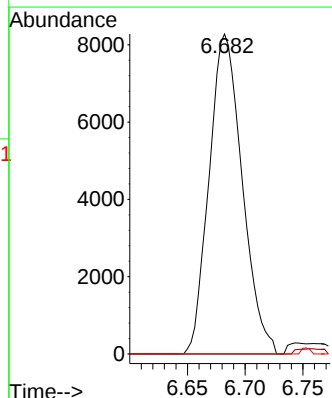
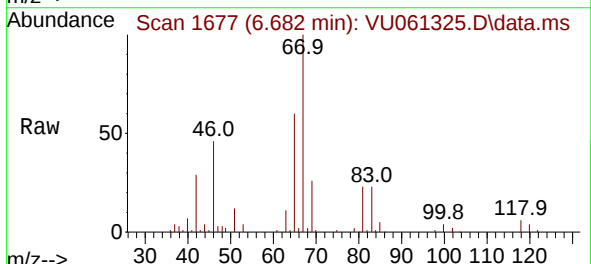
Tgt Ion: 83 Resp: 16506

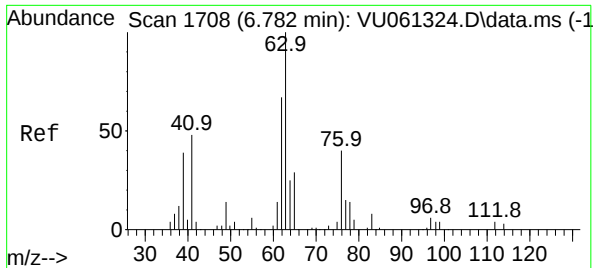
Ion Ratio Lower Upper

83 100

55 1.3 55.9 83.9#

98 0.5 35.9 53.9#

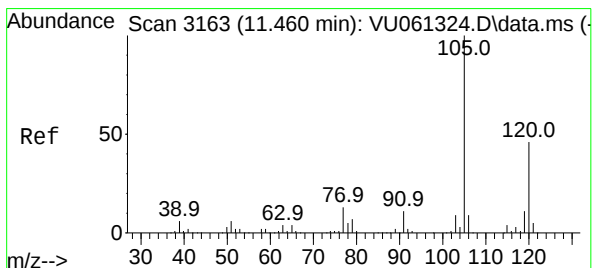
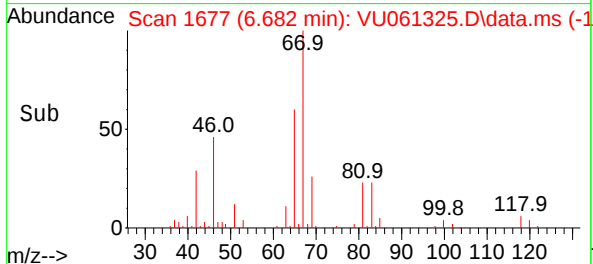
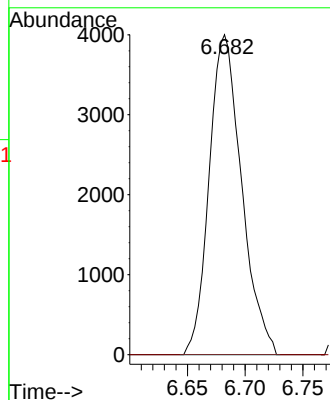
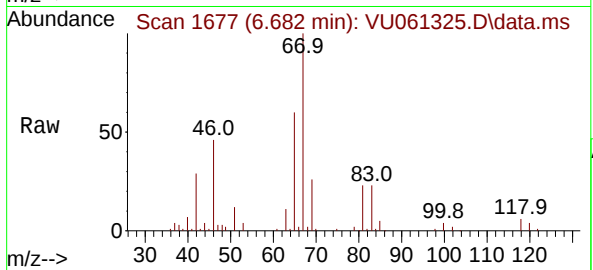




#37
1,2-Dichloropropane
Concen: 0.669 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061325.D
Acq: 31 Oct 2024 21:09

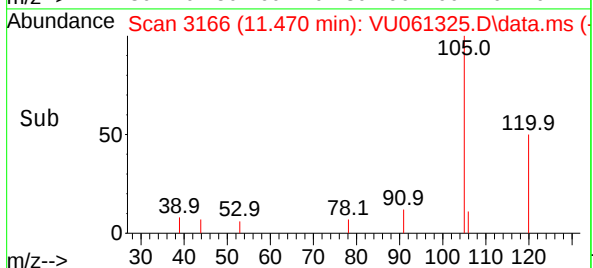
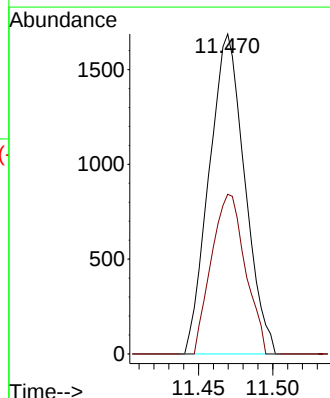
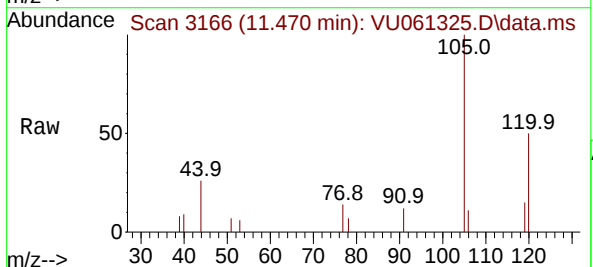
Instrument :
MSVOA_U
ClientSampleId :

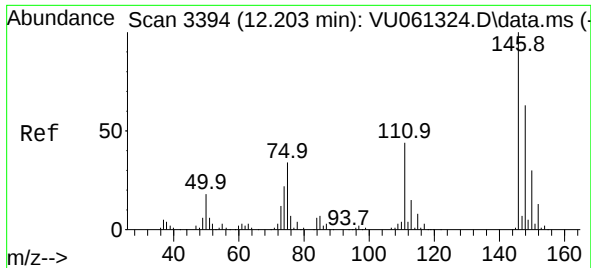
Tgt Ion: 63 Resp: 7816
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#63
1,2,4-Trimethylbenzene
Concen: 0.069 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.009 min
Lab File: VU061325.D
Acq: 31 Oct 2024 21:09

Tgt Ion:105 Resp: 2809
Ion Ratio Lower Upper
105 100
120 47.6 35.4 53.0





#67

1,2-Dichlorobenzene

Concen: 0.123 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU061325.D

Acq: 31 Oct 2024 21:09

Instrument :

MSVOA_U

ClientSampleId :

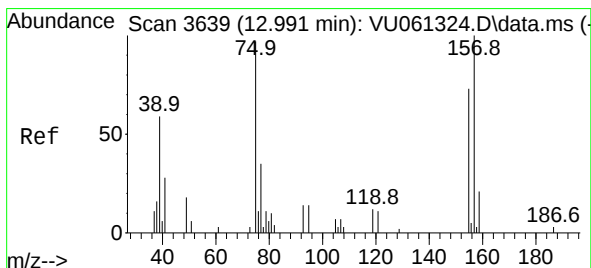
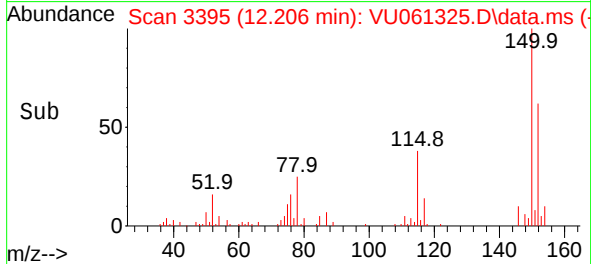
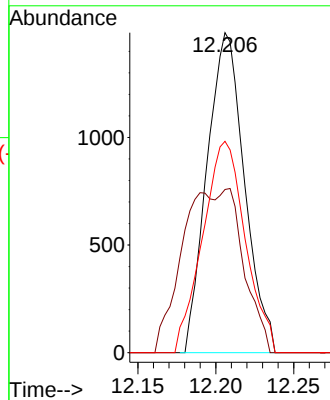
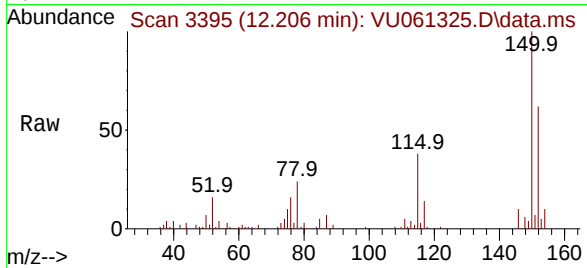
Tgt Ion:146 Resp: 2488

Ion Ratio Lower Upper

146 100

111 51.0 35.2 52.8

148 66.0 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 0.326 ug/L

RT: 13.228 min Scan# 3713

Delta R.T. 0.238 min

Lab File: VU061325.D

Acq: 31 Oct 2024 21:09

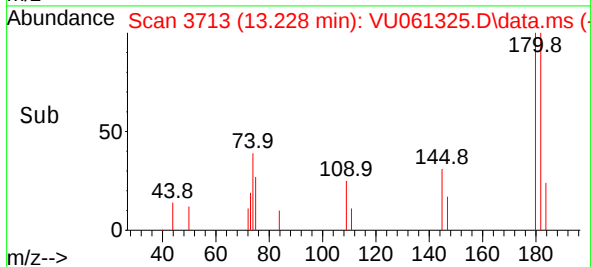
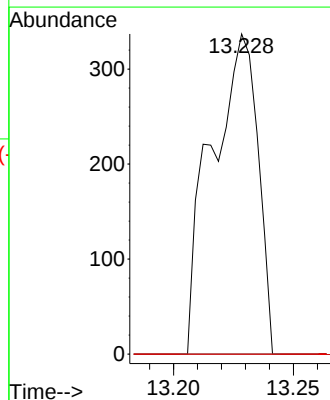
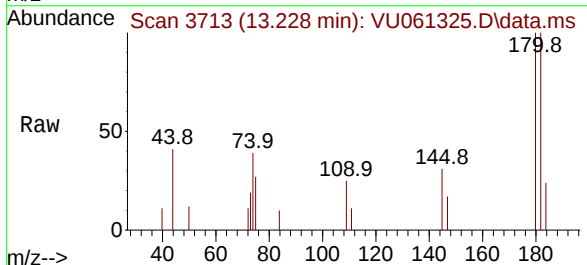
Tgt Ion: 75 Resp: 454

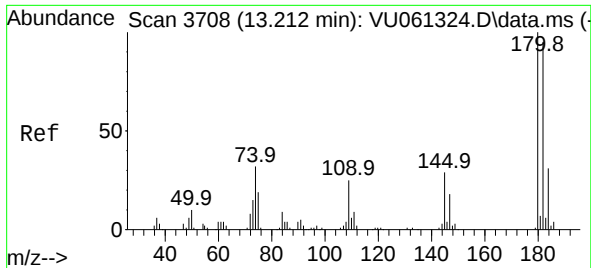
Ion Ratio Lower Upper

75 100

155 0.0 69.3 103.9#

157 0.0 81.4 122.2#





#69

1,3,5-Trichlorobenzene

Concen: 0.311 ug/L

RT: 13.842 min Scan# 3904

Delta R.T. 0.630 min

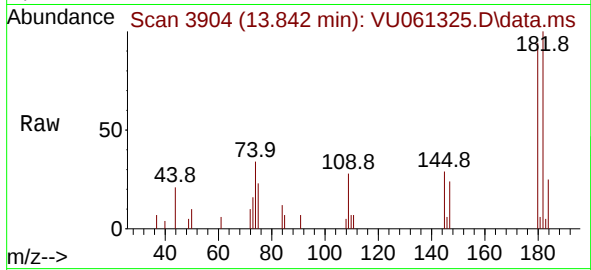
Lab File: VU061325.D

Acq: 31 Oct 2024 21:09

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 4566

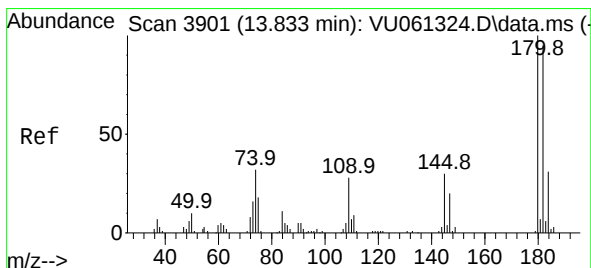
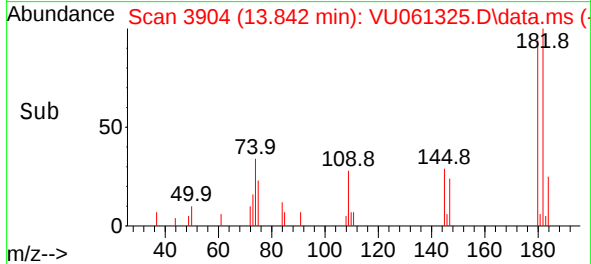
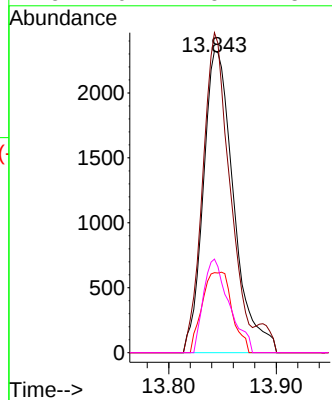
Ion Ratio Lower Upper

180 100

182 93.9 77.4 116.2

184 26.0 24.4 36.6

145 26.2 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 0.385 ug/L

RT: 13.842 min Scan# 3904

Delta R.T. 0.009 min

Lab File: VU061325.D

Acq: 31 Oct 2024 21:09

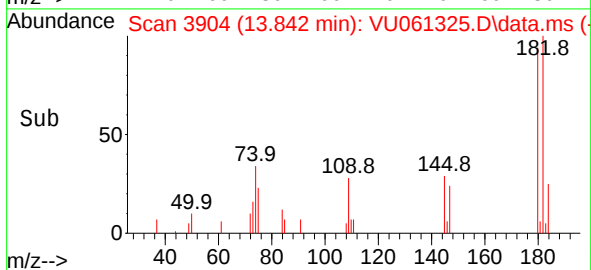
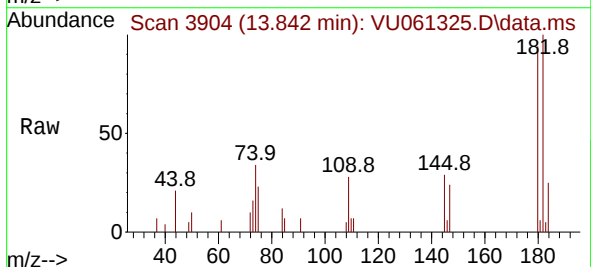
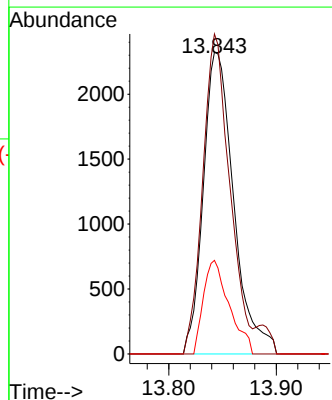
Tgt Ion:180 Resp: 4566

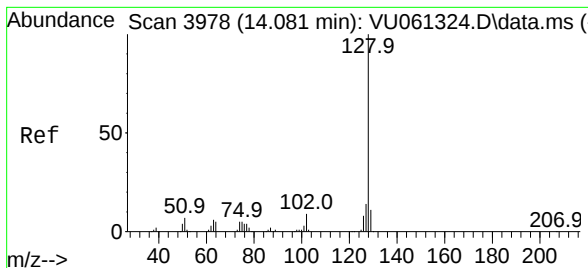
Ion Ratio Lower Upper

180 100

182 93.9 77.2 115.8

145 26.2 25.6 38.4





#71

Naphthalene

Concen: 0.577 ug/L

RT: 14.093 min Scan# 3982

Delta R.T. 0.013 min

Lab File: VU061325.D

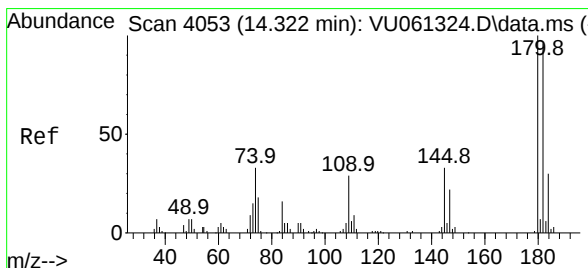
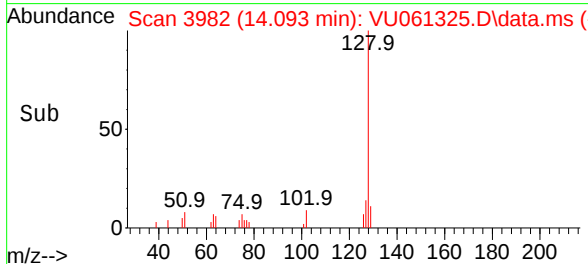
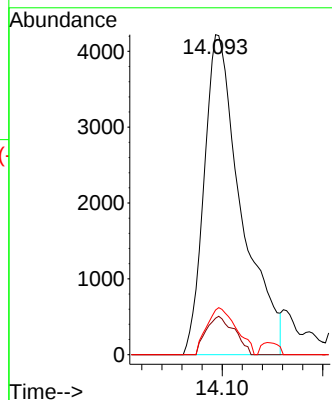
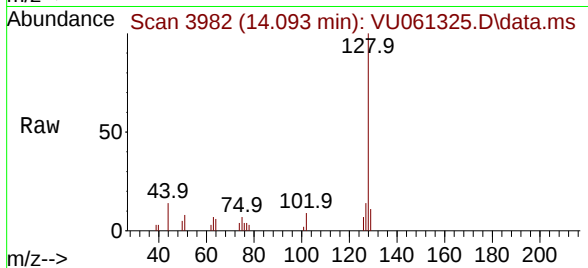
Acq: 31 Oct 2024 21:09

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	10783
Ion Ratio	Lower	Upper
128	100	
129	9.2	9.0 13.4
127	11.7	10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 0.453 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.009 min

Lab File: VU061325.D

Acq: 31 Oct 2024 21:09

Tgt Ion:180	Resp:	4493
Ion Ratio	Lower	Upper
180	100	
182	100.3	76.0 114.0
145	33.5	26.5 39.7

