

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022424\
 Data File : VV034388.D
 Acq On : 24 Feb 2024 10:51
 Operator : SY/MD
 Sample : VV0224WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 26 00:35:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 24 00:41:32 2024
 Response via : Initial Calibration

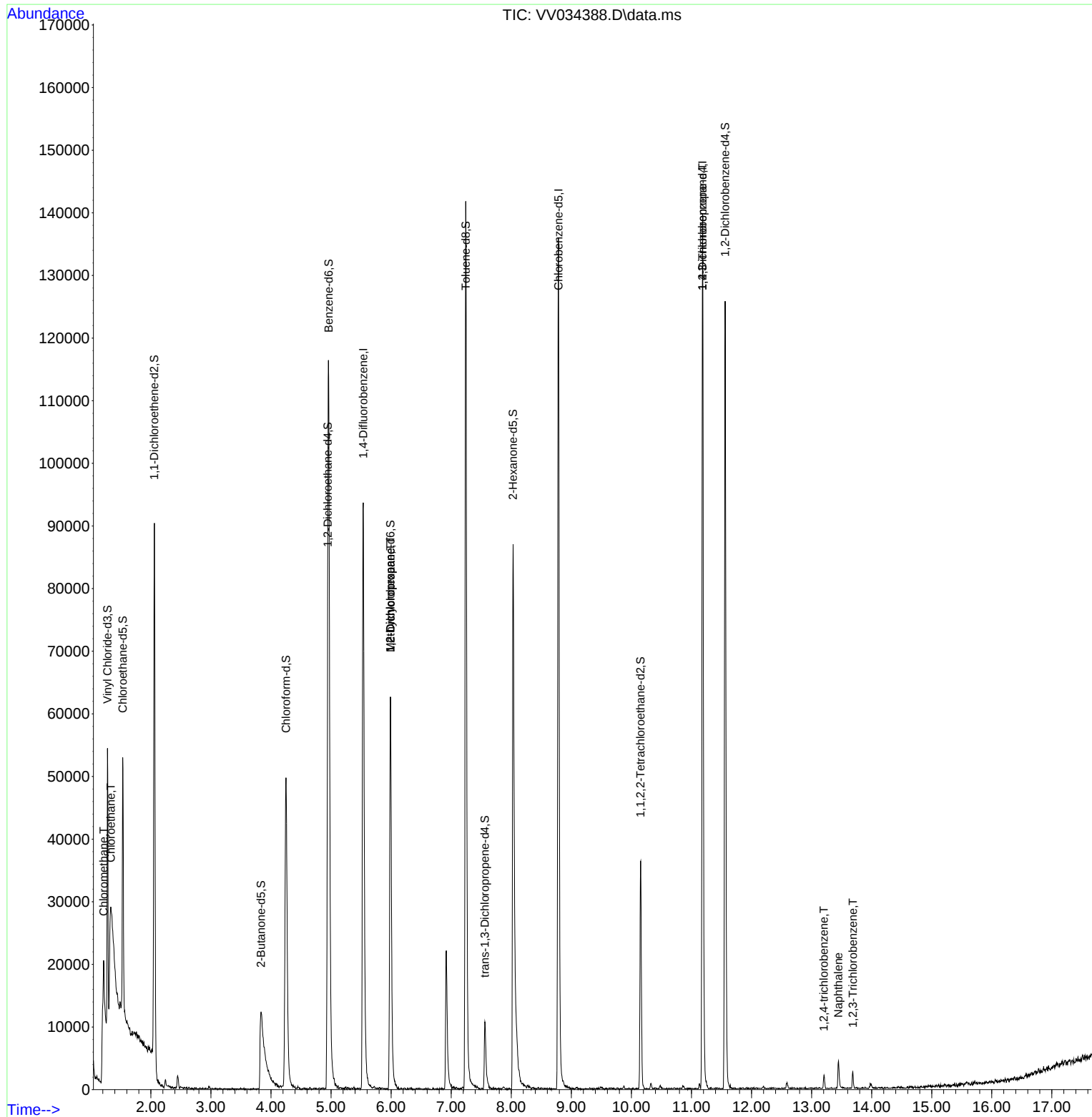
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	83125	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	74352	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	35884	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	30633	4.758	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.200%	
7) Chloroethane-d5	1.532	69	25942	4.601	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.000%	
11) 1,1-Dichloroethene-d2	2.056	65	14097	4.541	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.800%	
20) 2-Butanone-d5	3.834	46	26063	24.105	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	48.220%	
24) Chloroform-d	4.249	84	53845	4.603	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	4.944	65	26258	4.803	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	4.960	84	106054	4.754	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
36) 1,2-Dichloropropane-d6	5.989	67	29503	4.731	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.600%	
41) Toluene-d8	7.243	98	94767	4.622	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
43) trans-1,3-Dichloroprop...	7.561	79	7978	3.388	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	67.800%	
46) 2-Hexanone-d5	8.030	63	33114	39.397	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.800%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	17197	4.549	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.000%	
66) 1,2-Dichlorobenzene-d4	11.561	152	31363	4.806	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						
3) Chloromethane	1.214	50	5083	0.612	ug/L	94
8) Chloroethane	1.333	64	77100	14.234	ug/L #	52
35) Methylcyclohexane	5.989	83	7253	0.716	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	3777	0.699	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	4363	1.769	ug/L #	62
70) 1,2,4-trichlorobenzene	13.204	180	1001	0.143	ug/L	96
71) Naphthalene	13.445	128	4074	0.445	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.686	180	996	0.178	ug/L	96

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

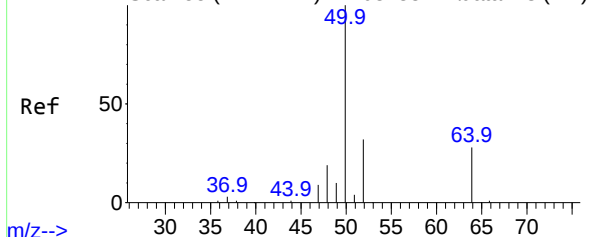
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022424\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Feb 24 00:41:32 2024
Response via : Initial Calibration



Abundance Scan 55 (1.217 min): VV034387.D\data.ms (-42)



#3

Chloromethane

Concen: 0.612 ug/L

RT: 1.214 min Scan# 54

Delta R.T. -0.003 min

Lab File: VV034388.D

Acq: 24 Feb 2024 10:51

Instrument :

MSVOA_V

ClientSampleId :

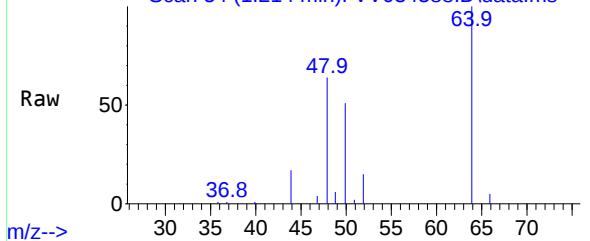
Tgt Ion: 50 Resp: 5083

Ion Ratio Lower Upper

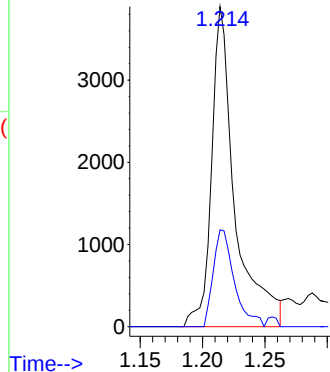
50 100

52 30.2 23.4 43.4

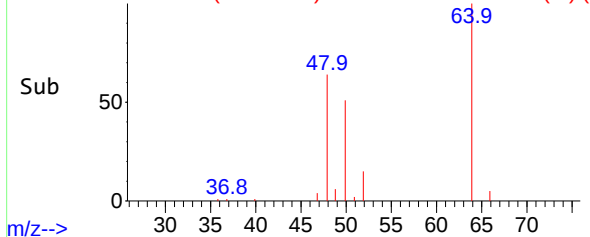
Abundance Scan 54 (1.214 min): VV034388.D\data.ms



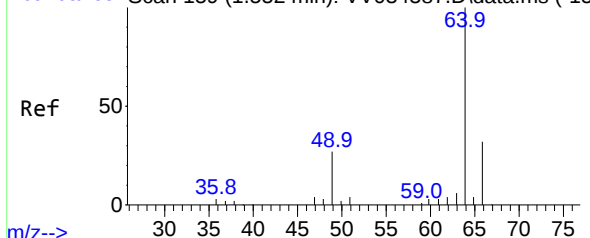
Abundance



Abundance Scan 54 (1.214 min): VV034388.D\data.ms (-1)



Abundance Scan 159 (1.552 min): VV034387.D\data.ms (-15)



#8

Chloroethane

Concen: 14.234 ug/L

RT: 1.333 min Scan# 91

Delta R.T. -0.219 min

Lab File: VV034388.D

Acq: 24 Feb 2024 10:51

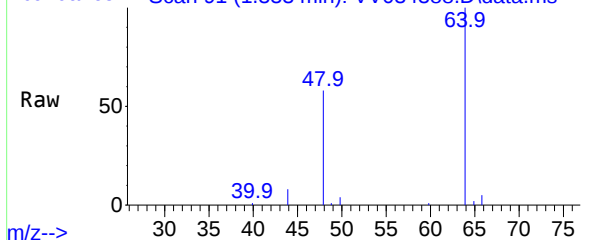
Tgt Ion: 64 Resp: 77100

Ion Ratio Lower Upper

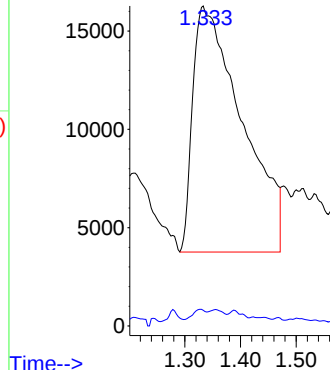
64 100

66 4.9 22.0 41.0#

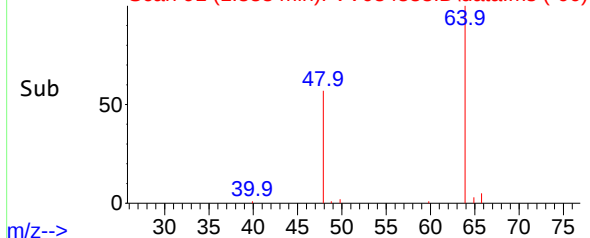
Abundance Scan 91 (1.333 min): VV034388.D\data.ms

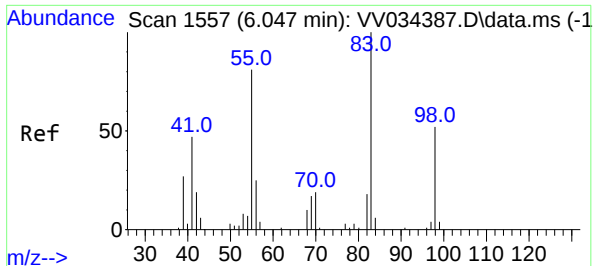


Abundance



Abundance Scan 91 (1.333 min): VV034388.D\data.ms (-66)





#35

Methylcyclohexane

Concen: 0.716 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV034388.D

Acq: 24 Feb 2024 10:51

Instrument :

MSVOA_V

ClientSampleId :

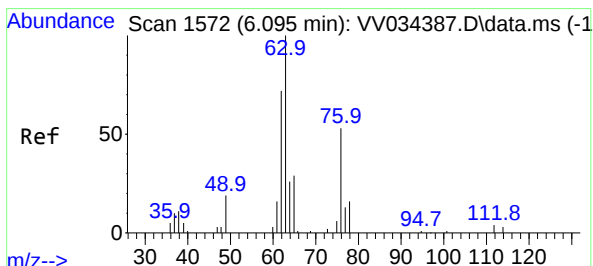
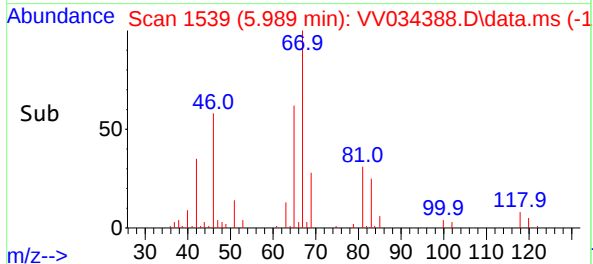
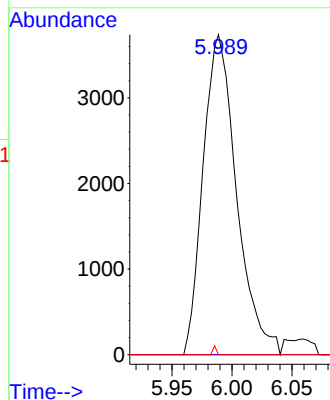
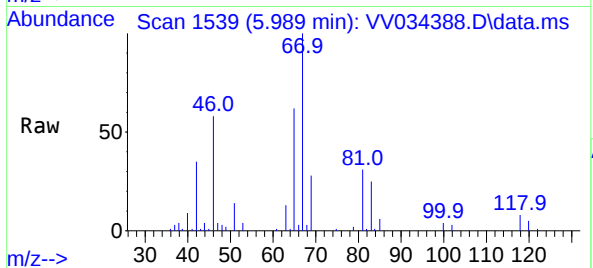
Tgt Ion: 83 Resp: 7253

Ion Ratio Lower Upper

83 100

55 0.0 63.5 95.3#

98 0.3 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.699 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.103 min

Lab File: VV034388.D

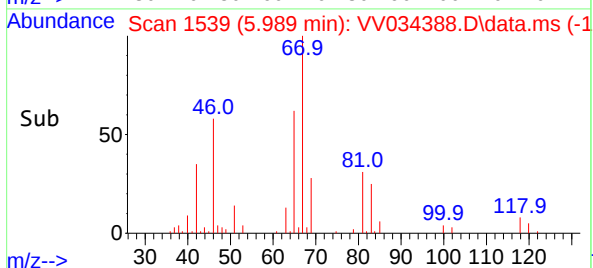
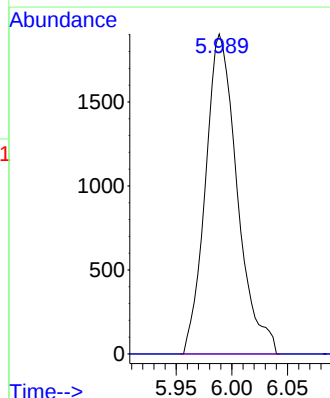
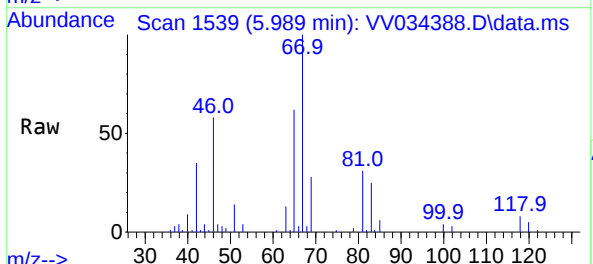
Acq: 24 Feb 2024 10:51

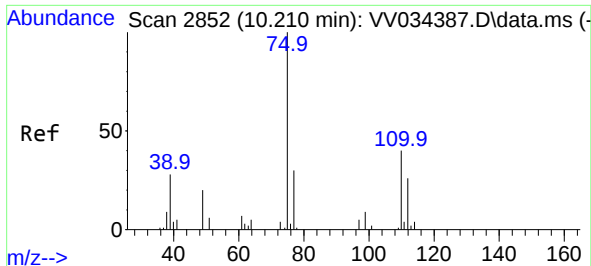
Tgt Ion: 63 Resp: 3777

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#61

1,2,3-Trichloropropane

Concen: 1.769 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV034388.D

Acq: 24 Feb 2024 10:51

Instrument :

MSVOA_V

ClientSampleId :

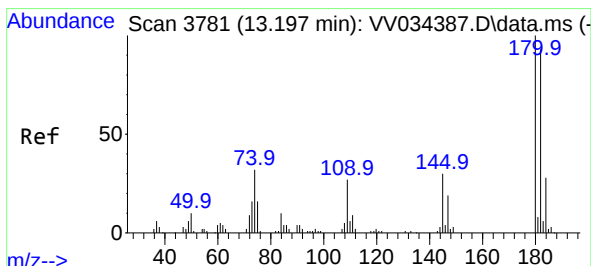
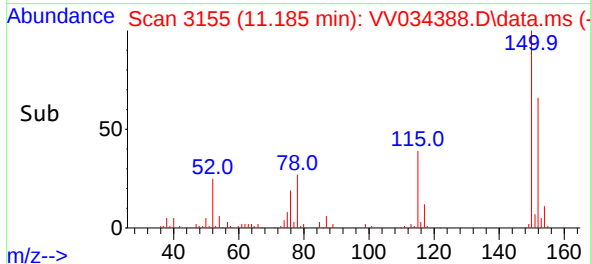
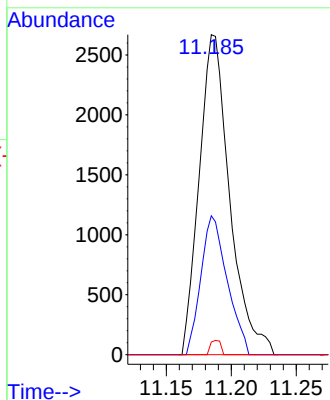
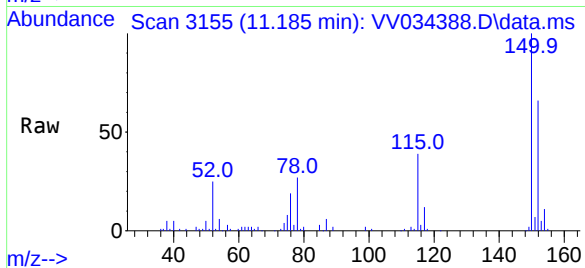
Tgt Ion: 75 Resp: 4363

Ion Ratio Lower Upper

75 100

77 37.4 26.9 40.3

110 1.5 33.3 49.9#



#70

1,2,4-trichlorobenzene

Concen: 0.143 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.006 min

Lab File: VV034388.D

Acq: 24 Feb 2024 10:51

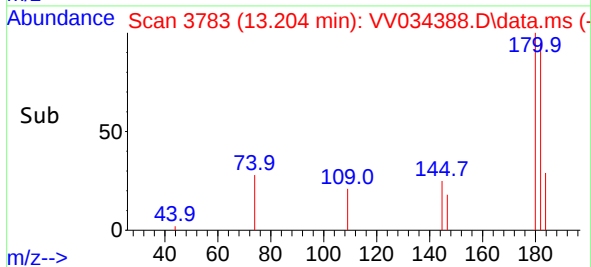
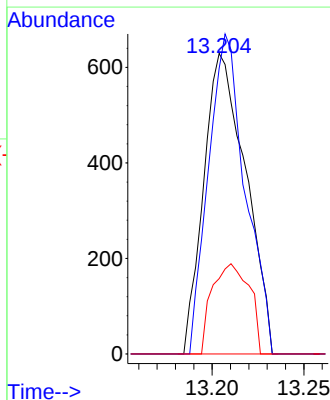
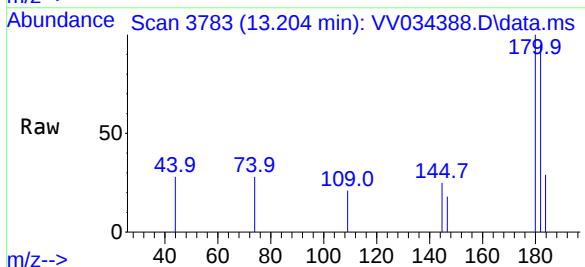
Tgt Ion:180 Resp: 1001

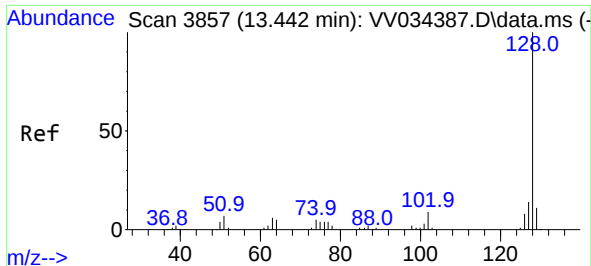
Ion Ratio Lower Upper

180 100

182 93.3 76.8 115.2

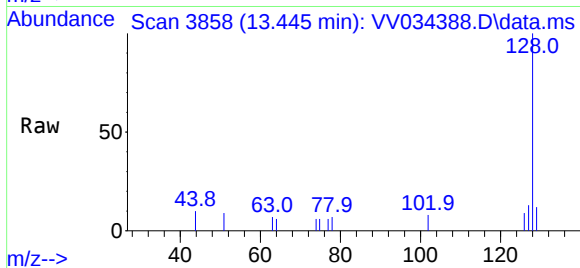
145 26.6 24.8 37.2



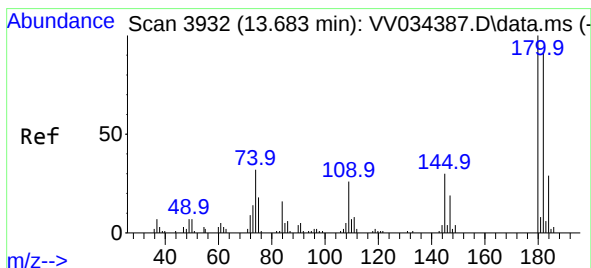
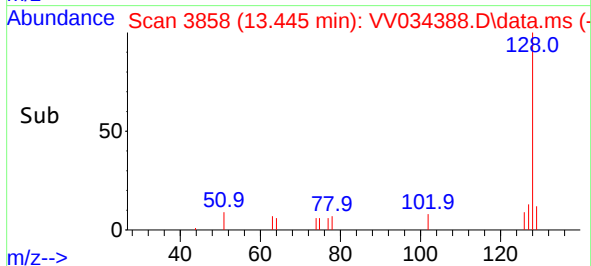
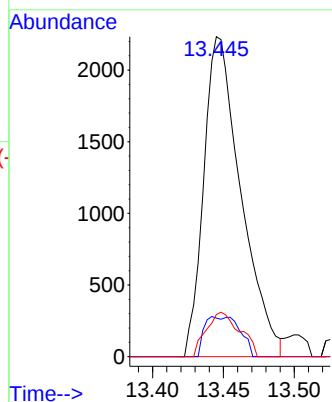


#71
Naphthalene
Concen: 0.445 ug/L
RT: 13.445 min Scan# 3857
Delta R.T. 0.003 min
Lab File: VV034388.D
Acq: 24 Feb 2024 10:51

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 4074
Ion Ratio Lower Upper
128 100
129 5.9 8.5 12.7#
127 12.5 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.178 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.006 min
Lab File: VV034388.D
Acq: 24 Feb 2024 10:51

Tgt Ion:180 Resp: 996
Ion Ratio Lower Upper
180 100
182 89.1 75.0 112.6
145 30.9 25.2 37.8

