

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042424\
 Data File : VV035382.D
 Acq On : 24 Apr 2024 13:15
 Operator : SY/MD
 Sample : P2182-05 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 25 01:59:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 01:57:41 2024
 Response via : Initial Calibration

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

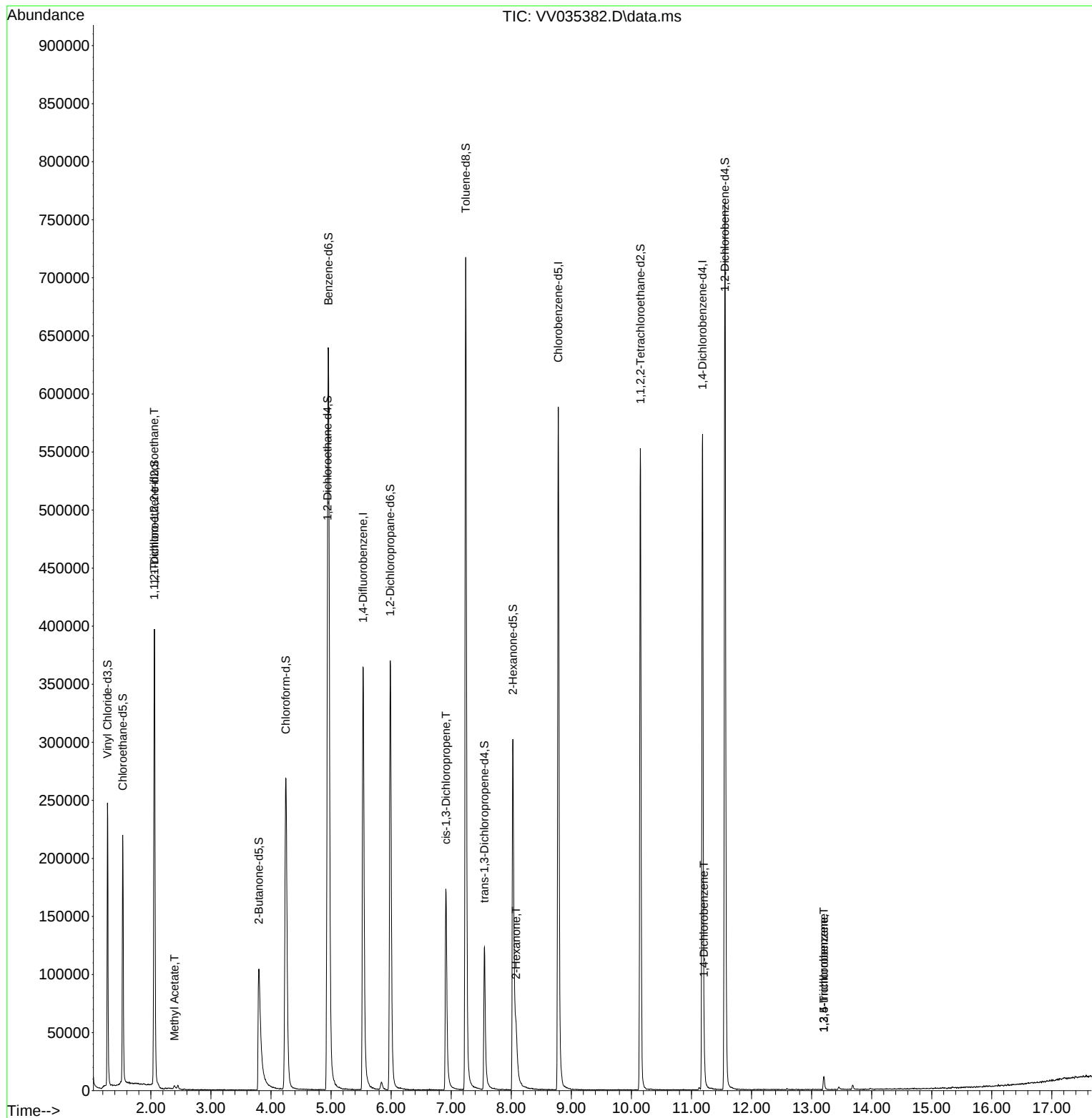
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	332287	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	337690	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	153154	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	158805	49.486	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.980%
7) Chloroethane-d5	1.532	69	137514	49.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.680%
11) 1,1-Dichloroethene-d2	2.060	65	67587	48.046	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.100%
21) 2-Butanone-d5	3.799	46	195622	102.784	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.780%
24) Chloroform-d	4.246	84	299446	55.499	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.000%
26) 1,2-Dichloroethane-d4	4.940	65	187613	54.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.540%
32) Benzene-d6	4.957	84	590803	52.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.160%
36) 1,2-Dichloropropane-d6	5.985	67	192223	53.365	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.740%
41) Toluene-d8	7.243	98	507959	49.724	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.440%
43) trans-1,3-Dichloroprop...	7.555	79	80068	45.724	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.440%
47) 2-Hexanone-d5	8.027	63	105879	77.746	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.750%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	274339	55.308	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	110.620%
66) 1,2-Dichlorobenzene-d4	11.558	152	203368	59.142	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.280%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	1831	0.702	ug/L #	23
15) Methyl Acetate	2.391	43	3937	1.430	ug/L	97
39) cis-1,3-Dichloropropene	6.911	75	4828	1.007	ug/L #	67
48) 2-Hexanone	8.082	43	32037	9.695	ug/L #	88
65) 1,4-Dichlorobenzene	11.210	146	5227	0.996	ug/L	95
69) 1,3,5-Trichlorobenzene	13.204	180	4360	1.172	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	4360	1.276	ug/L	99

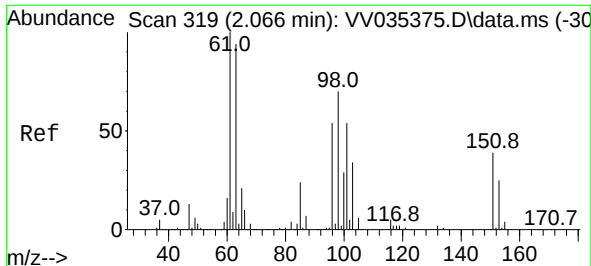
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.702 ug/L

RT: 2.056 min Scan# 319

Delta R.T. -0.010 min

Lab File: VV035382.D

Acq: 24 Apr 2024 13:15

Instrument :

MSVOA_V

ClientSampleId :

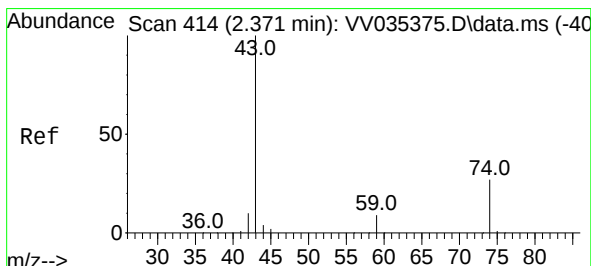
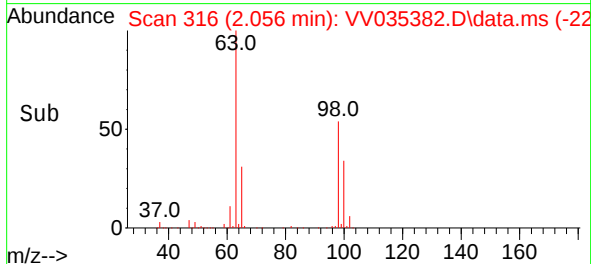
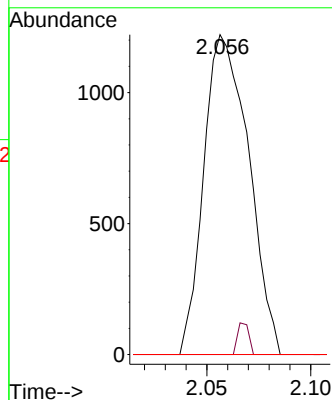
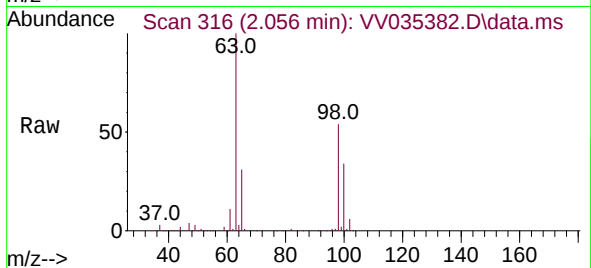
Tgt Ion:101 Resp: 1831

Ion Ratio Lower Upper

101 100

85 2.5 35.3 52.9#

151 0.0 55.0 82.4#



#15

Methyl Acetate

Concen: 1.430 ug/L

RT: 2.391 min Scan# 420

Delta R.T. 0.019 min

Lab File: VV035382.D

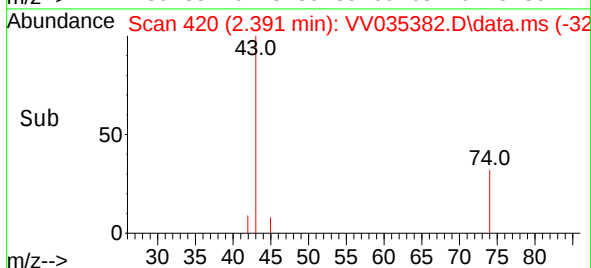
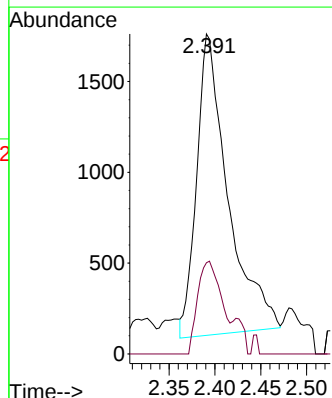
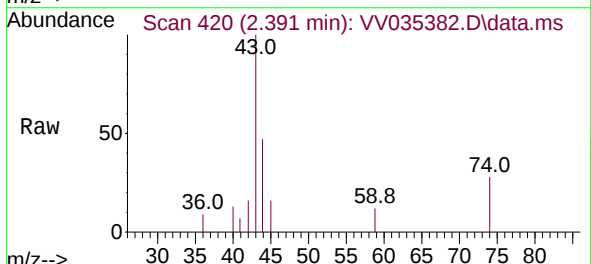
Acq: 24 Apr 2024 13:15

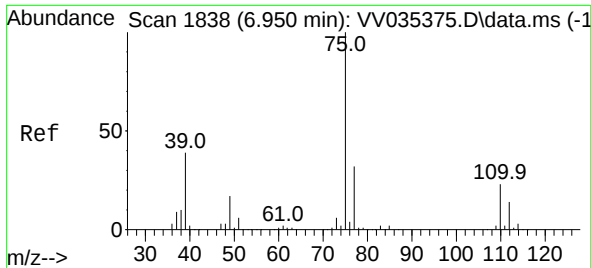
Tgt Ion: 43 Resp: 3937

Ion Ratio Lower Upper

43 100

74 23.2 19.8 29.8

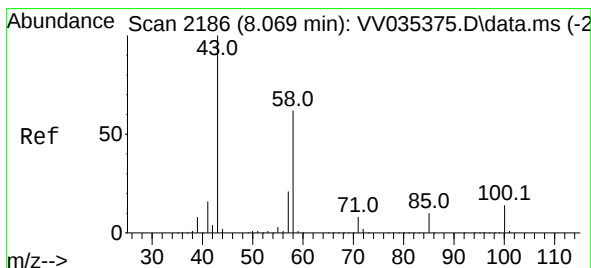
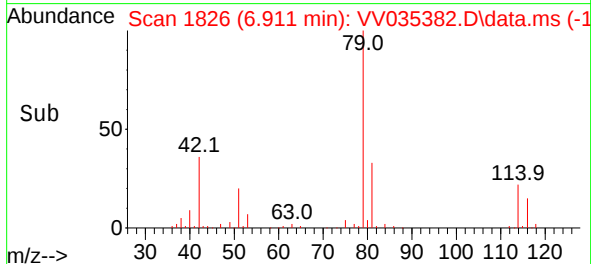
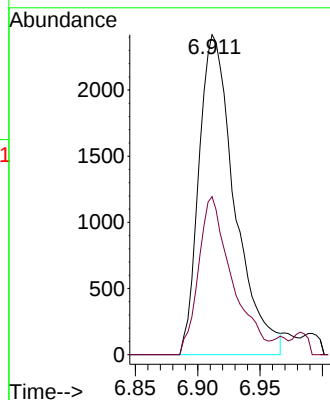
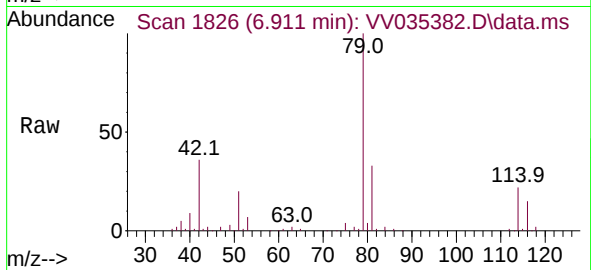




#39
cis-1,3-Dichloropropene
Concen: 1.007 ug/L
RT: 6.911 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV035382.D
Acq: 24 Apr 2024 13:15

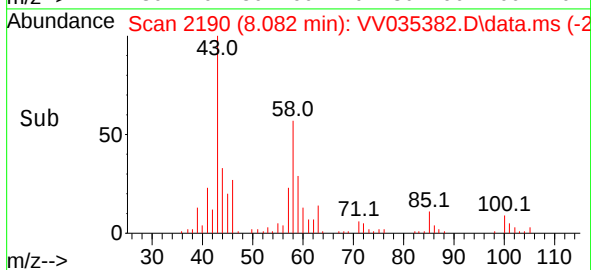
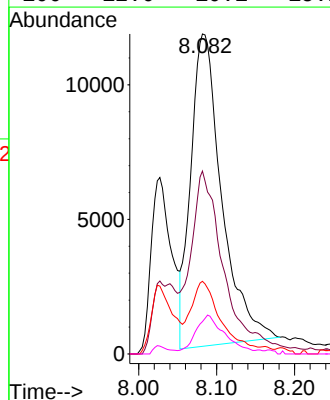
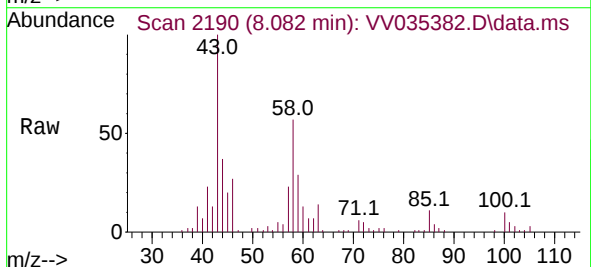
Instrument :
MSVOA_V
ClientSampleId :

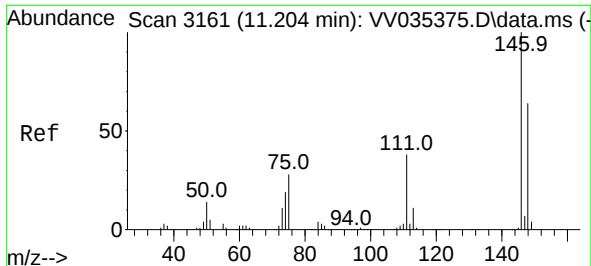
Tgt Ion: 75 Resp: 4828
Ion Ratio Lower Upper
75 100
77 49.4 21.9 40.7#



#48
2-Hexanone
Concen: 9.695 ug/L
RT: 8.082 min Scan# 2190
Delta R.T. 0.013 min
Lab File: VV035382.D
Acq: 24 Apr 2024 13:15

Tgt Ion: 43 Resp: 32037
Ion Ratio Lower Upper
43 100
58 43.5 45.4 68.2#
57 19.9 16.2 24.4
100 12.0 10.1 15.1





#65

1,4-Dichlorobenzene

Concen: 0.996 ug/L

RT: 11.210 min Scan# 3161

Delta R.T. 0.006 min

Lab File: VV035382.D

Acq: 24 Apr 2024 13:15

Instrument :

MSVOA_V

ClientSampleId :

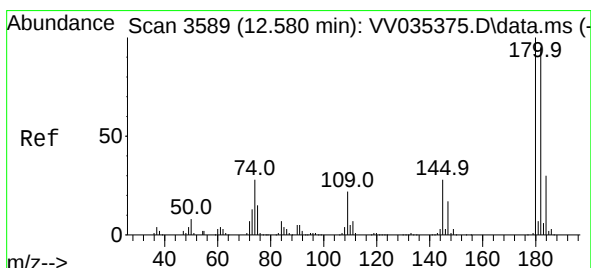
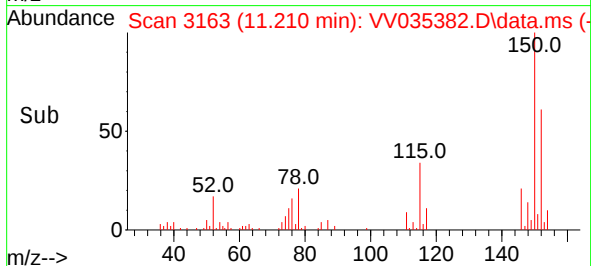
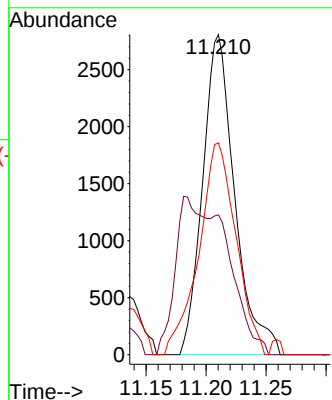
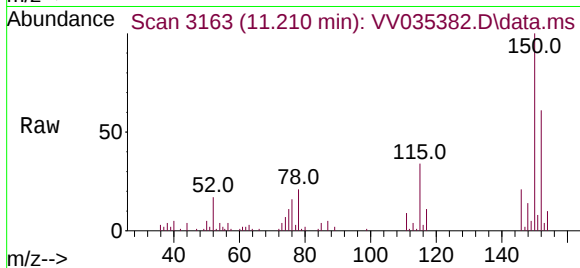
Tgt Ion:146 Resp: 5227

Ion Ratio Lower Upper

146 100

111 43.7 27.4 50.8

148 66.2 44.2 82.2



#69

1,3,5-Trichlorobenzene

Concen: 1.172 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.624 min

Lab File: VV035382.D

Acq: 24 Apr 2024 13:15

Tgt Ion:180 Resp: 4360

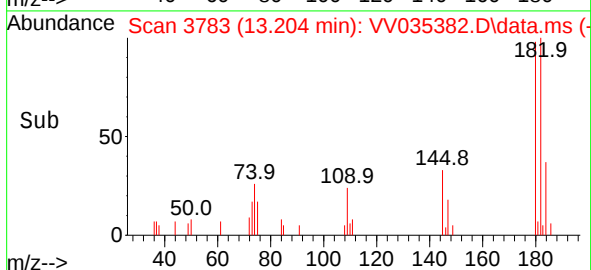
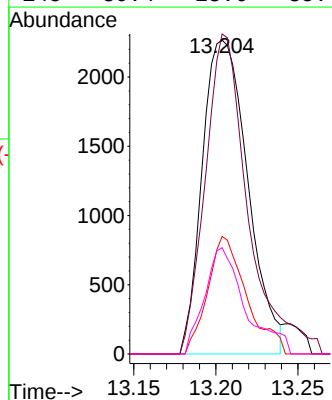
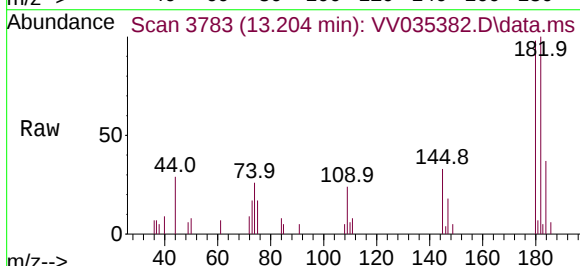
Ion Ratio Lower Upper

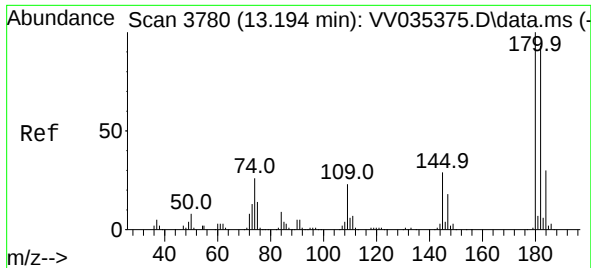
180 100

182 95.5 74.7 112.1

184 30.0 24.0 36.0

145 30.4 23.6 35.4





#70

1,2,4-trichlorobenzene

Concen: 1.276 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.010 min

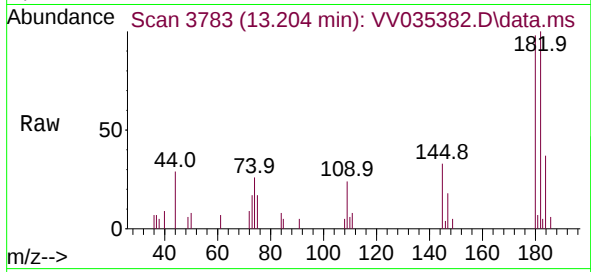
Lab File: VV035382.D

Acq: 24 Apr 2024 13:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 4360

Ion Ratio Lower Upper

180 100

182 95.5 75.6 113.4

145 30.4 24.1 36.1

