

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035332.D
 Acq On : 22 Apr 2024 14:53
 Operator : SY/MD
 Sample : P2182-06 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 00:30:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

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

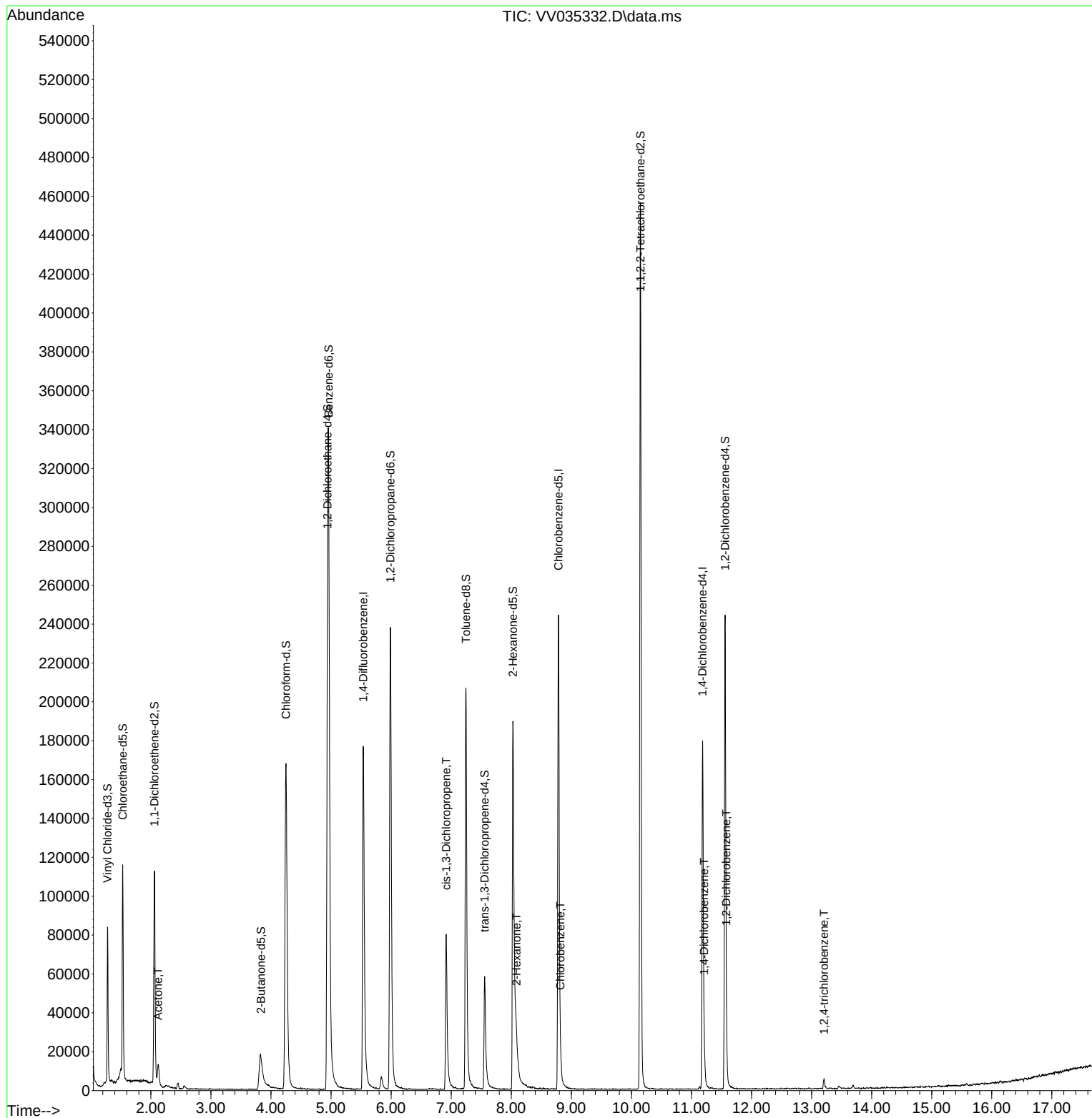
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	164180	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	139914	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.184	152	49339	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	52494	33.107	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.220%
7) Chloroethane-d5	1.532	69	69606	50.543	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.080%
11) 1,1-Dichloroethene-d2	2.059	65	19678	28.312	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.620%#
21) 2-Butanone-d5	3.834	46	17344	18.444	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	18.440%#
24) Chloroform-d	4.249	84	186879	70.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	140.200%#
26) 1,2-Dichloroethane-d4	4.940	65	147563	87.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	174.360%#
32) Benzene-d6	4.960	84	274602	58.429	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.860%
36) 1,2-Dichloropropane-d6	5.989	67	125711	84.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	168.460%#
41) Toluene-d8	7.246	98	151217	35.727	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.460%#
43) trans-1,3-Dichloroprop...	7.558	79	40608	55.970	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.940%
47) 2-Hexanone-d5	8.027	63	63388	112.339	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.340%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	224717	109.343	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	218.680%#
66) 1,2-Dichlorobenzene-d4	11.561	152	64369	58.107	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.220%
Target Compounds						
					Qvalue	
13) Acetone	2.121	43	10487	12.147	ug/L	99
39) cis-1,3-Dichloropropene	6.918	75	2255	1.135	ug/L #	76
48) 2-Hexanone	8.088	43	15051	10.993	ug/L #	96
51) Chlorobenzene	8.818	112	6387	2.063	ug/L	95
65) 1,4-Dichlorobenzene	11.210	146	5690	3.366	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	5465	3.300	ug/L	89
70) 1,2,4-trichlorobenzene	13.207	180	2146	1.950	ug/L #	90

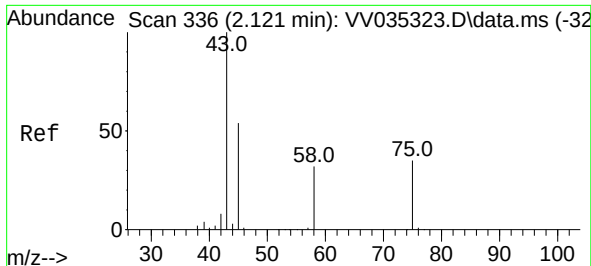
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:28:07 2024
Response via : Initial Calibration





#13

Acetone

Concen: 12.147 ug/L

RT: 2.121 min Scan# 336

Delta R.T. -0.000 min

Lab File: VV035332.D

Acq: 22 Apr 2024 14:53

Instrument :

MSVOA_V

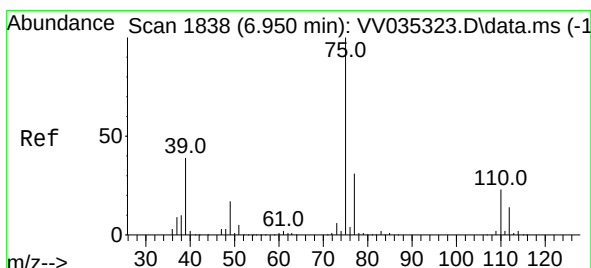
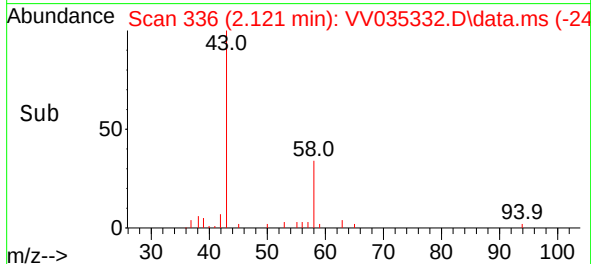
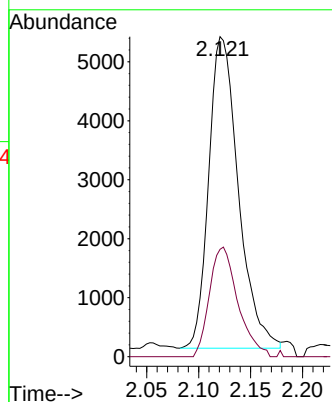
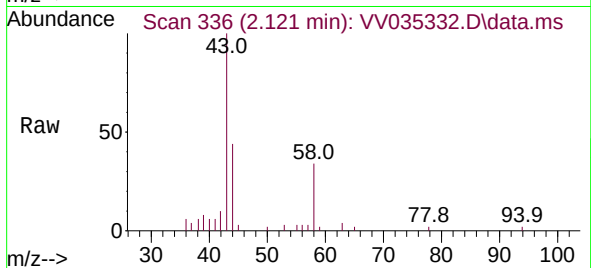
ClientSampleId :

Tgt Ion: 43 Resp: 10487

Ion Ratio Lower Upper

43 100

58 33.6 0.0 66.0



#39

cis-1,3-Dichloropropene

Concen: 1.135 ug/L

RT: 6.918 min Scan# 1828

Delta R.T. -0.032 min

Lab File: VV035332.D

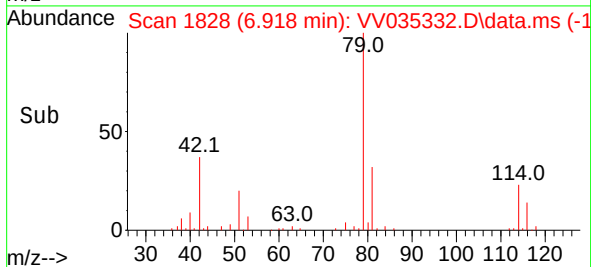
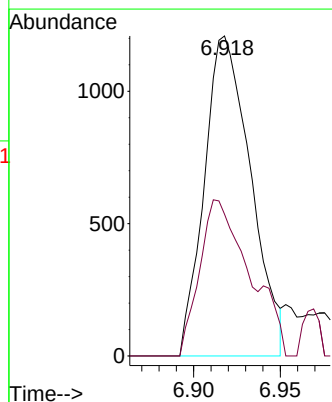
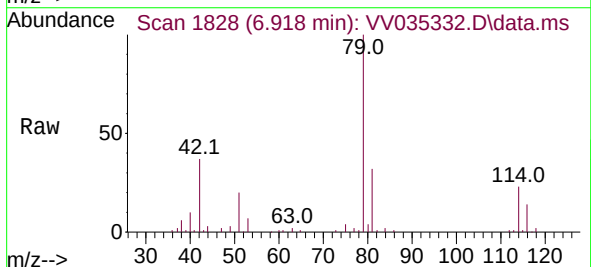
Acq: 22 Apr 2024 14:53

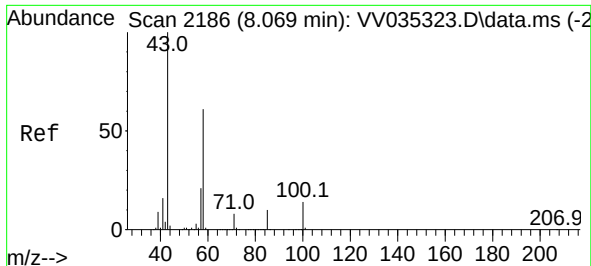
Tgt Ion: 75 Resp: 2255

Ion Ratio Lower Upper

75 100

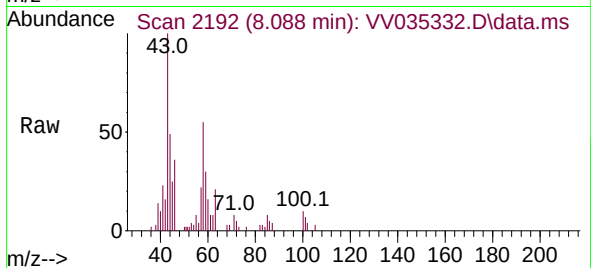
77 44.3 21.9 40.7#



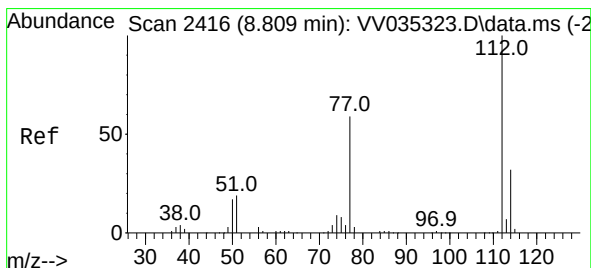
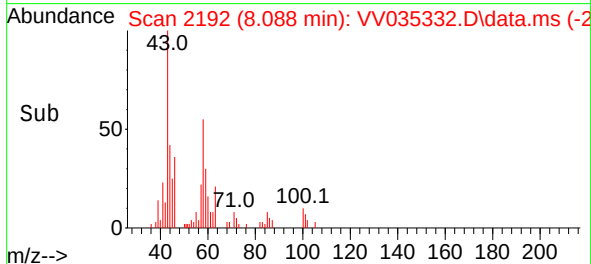
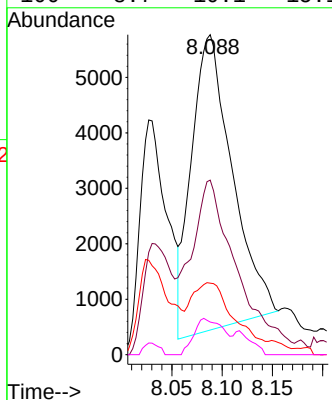


#48
2-Hexanone
Concen: 10.993 ug/L
RT: 8.088 min Scan# 2186
Delta R.T. 0.019 min
Lab File: VV035332.D
Acq: 22 Apr 2024 14:53

Instrument :
MSVOA_V
ClientSampleId :

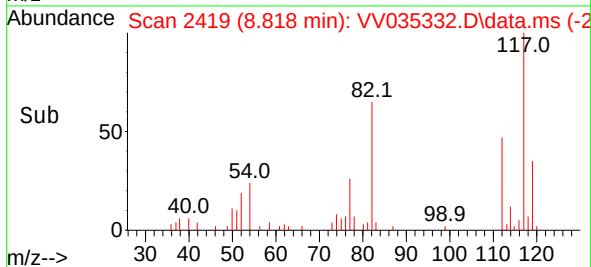
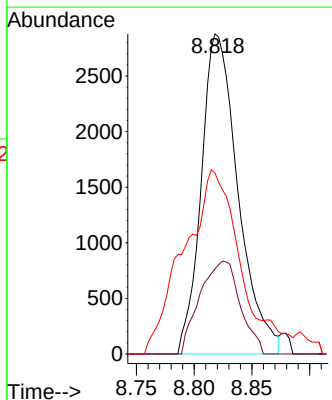
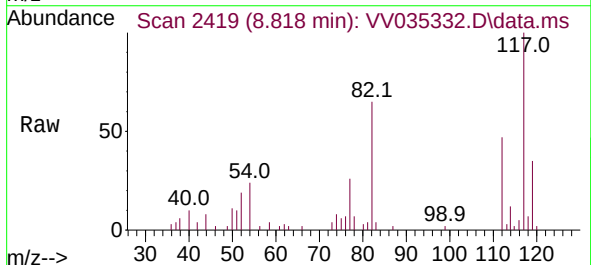


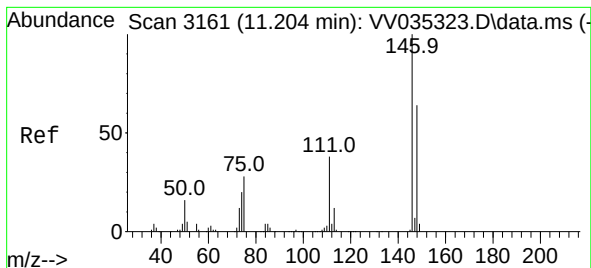
Tgt Ion:	43	Resp:	15051
Ion	Ratio	Lower	Upper
43	100		
58	53.5	45.4	68.2
57	20.5	16.2	24.4
100	8.7	10.1	15.1



#51
Chlorobenzene
Concen: 2.063 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.009 min
Lab File: VV035332.D
Acq: 22 Apr 2024 14:53

Tgt Ion:	112	Resp:	6387
Ion	Ratio	Lower	Upper
112	100		
114	26.5	22.0	41.0
77	56.6	47.4	71.2





#65

1,4-Dichlorobenzene

Concen: 3.366 ug/L

RT: 11.210 min Scan# 3161

Delta R.T. 0.006 min

Lab File: VV035332.D

Acq: 22 Apr 2024 14:53

Instrument :

MSVOA_V

ClientSampleId :

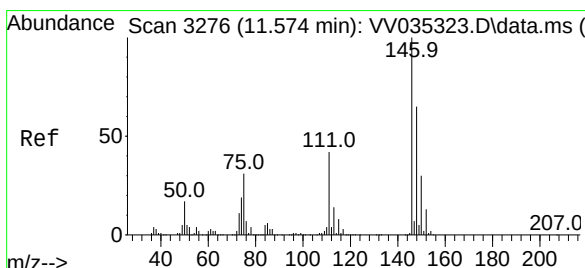
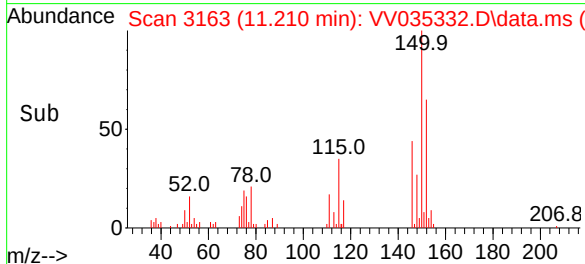
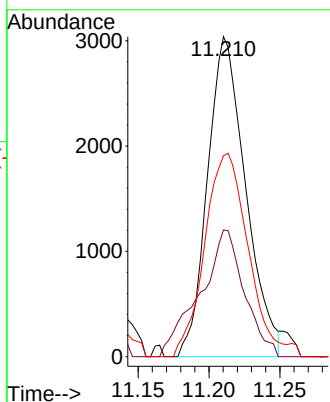
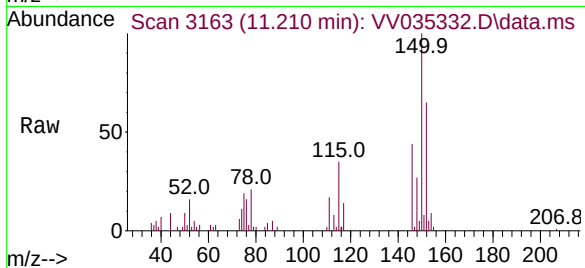
Tgt Ion:146 Resp: 5690

Ion Ratio Lower Upper

146 100

111 39.6 27.4 50.8

148 62.8 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 3.300 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.006 min

Lab File: VV035332.D

Acq: 22 Apr 2024 14:53

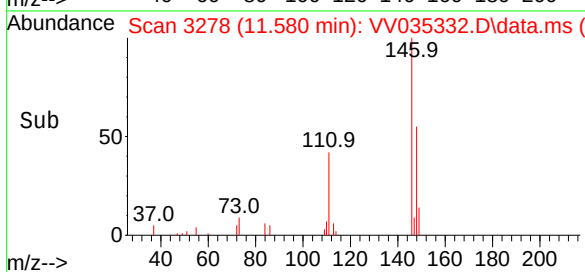
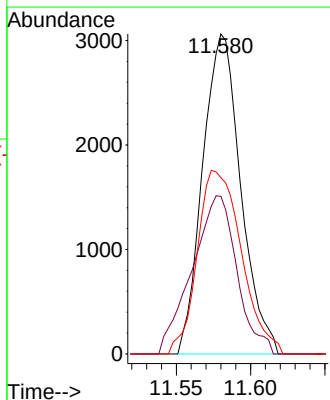
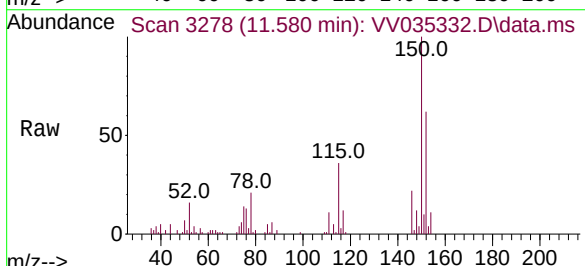
Tgt Ion:146 Resp: 5465

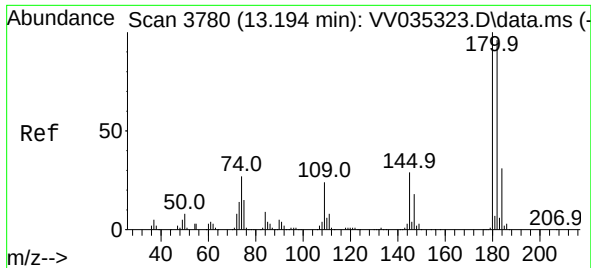
Ion Ratio Lower Upper

146 100

111 49.3 34.6 52.0

148 55.1 51.5 77.3





#70

1,2,4-trichlorobenzene

Concen: 1.950 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.013 min

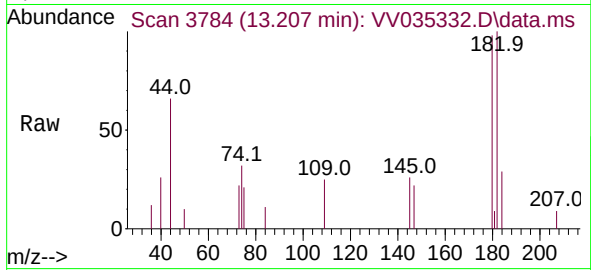
Lab File: VV035332.D

Acq: 22 Apr 2024 14:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 2146

Ion Ratio Lower Upper

180 100

182 91.3 75.6 113.4

145 13.8 24.1 36.1#

