

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
 Data File : VV035453.D
 Acq On : 27 Apr 2024 02:24
 Operator : SY/MD
 Sample : P2279-13 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 27 05:29:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 01:20:16 2024
 Response via : Initial Calibration

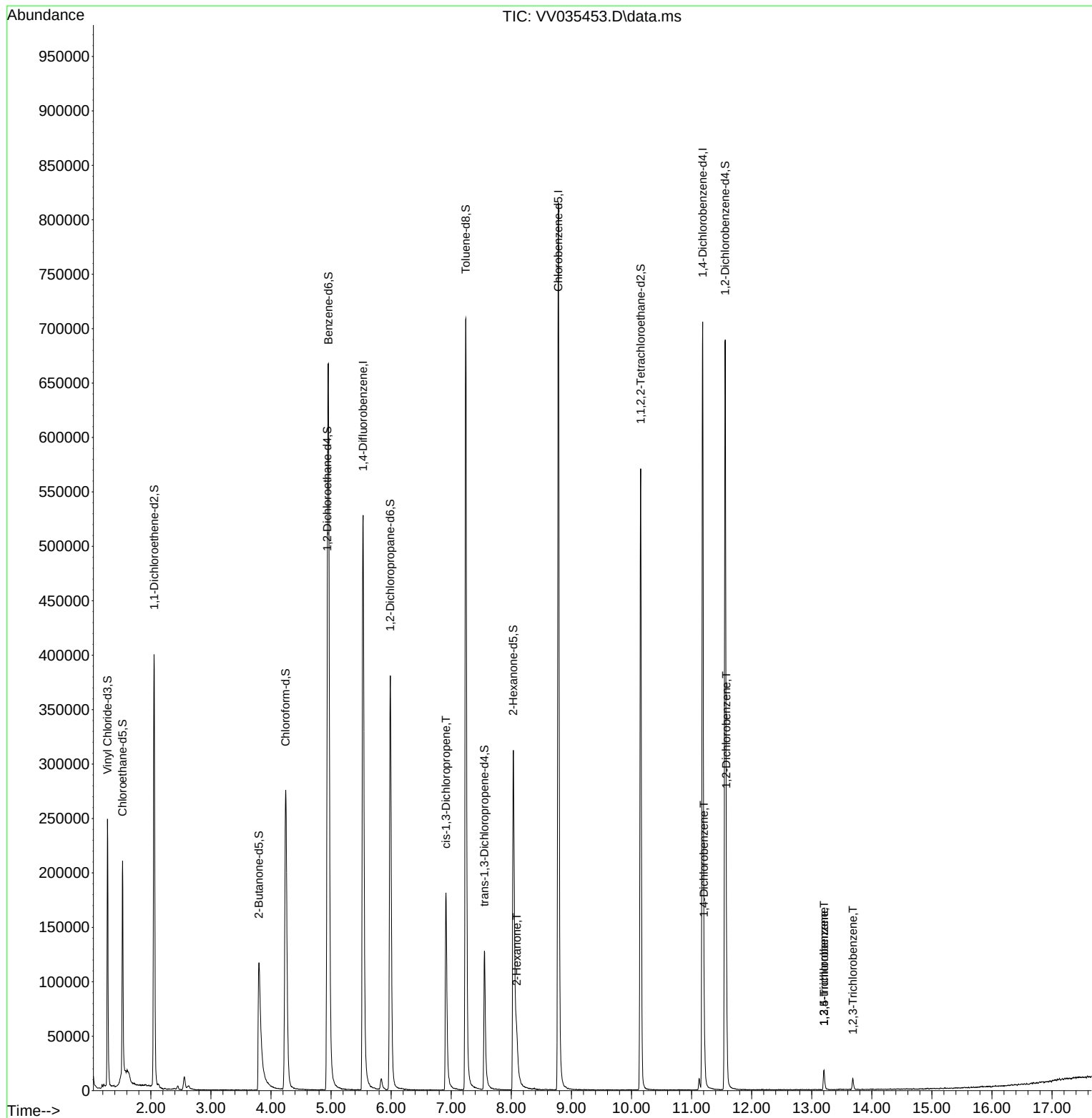
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	478992	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	468421	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	192032	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	167882	43.612	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	87.220%	
7) Chloroethane-d5	1.529	69	117567	53.306	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	106.620%	
11) 1,1-Dichloroethene-d2	2.053	65	68843	43.757	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	87.520%	
21) 2-Butanone-d5	3.799	46	226207	114.658	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	114.660%	
24) Chloroform-d	4.243	84	308641	47.649	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.300%	
26) 1,2-Dichloroethane-d4	4.937	65	196239	52.014	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.020%	
32) Benzene-d6	4.956	84	614310	49.904	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	99.800%	
36) 1,2-Dichloropropane-d6	5.985	67	200283	52.734	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	105.460%	
41) Toluene-d8	7.243	98	502603	45.300	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	90.600%	
43) trans-1,3-Dichloroprop...	7.551	79	83880	47.211	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	94.420%	
47) 2-Hexanone-d5	8.030	63	115200	105.216	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	105.220%	
56) 1,1,2,2-Tetrachloroeth...	10.152	84	284911	52.633	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	105.260%	
66) 1,2-Dichlorobenzene-d4	11.561	152	182770	54.400	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	108.800%	
Target Compounds						
39) cis-1,3-Dichloropropene	6.911	75	4841	0.935	ug/L #	40
48) 2-Hexanone	8.091	43	31695	8.922	ug/L #	90
65) 1,4-Dichlorobenzene	11.207	146	14095	2.355	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	31836	5.506	ug/L	97
69) 1,3,5-Trichlorobenzene	13.204	180	6773	1.675	ug/L	99
70) 1,2,4-trichlorobenzene	13.204	180	6773	2.110	ug/L	97
72) 1,2,3-Trichlorobenzene	13.686	180	3891	1.244	ug/L	99

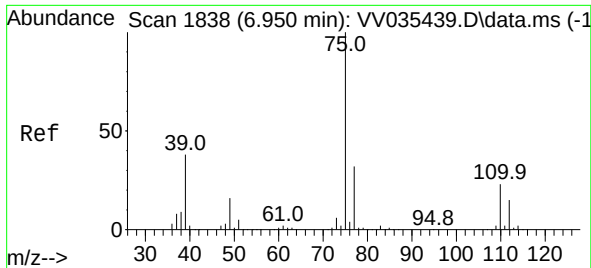
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Apr 27 01:20:16 2024
Response via : Initial Calibration





#39

cis-1,3-Dichloropropene

Concen: 0.935 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.039 min

Lab File: VV035453.D

Acq: 27 Apr 2024 02:24

Instrument :

MSVOA_V

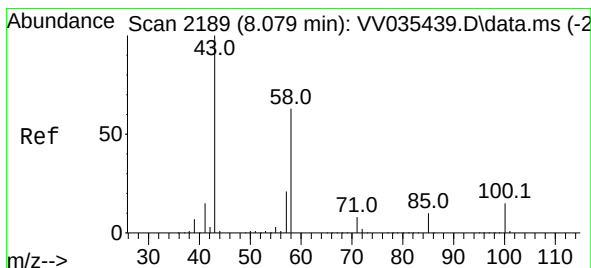
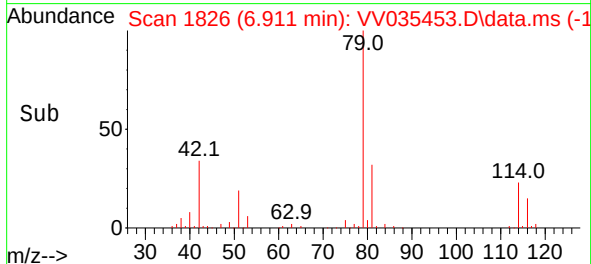
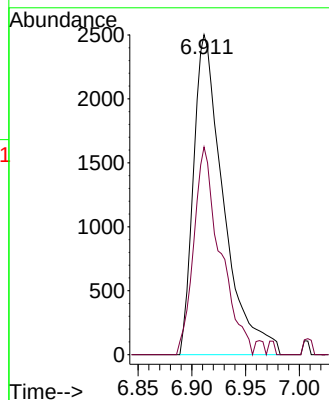
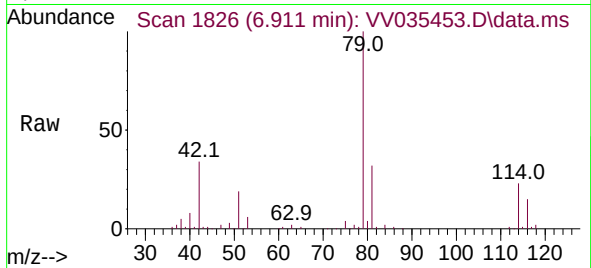
ClientSampleId :

Tgt Ion: 75 Resp: 4841

Ion Ratio Lower Upper

75 100

77 64.9 22.3 41.3#



#48

2-Hexanone

Concen: 8.922 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. 0.013 min

Lab File: VV035453.D

Acq: 27 Apr 2024 02:24

Tgt Ion: 43 Resp: 31695

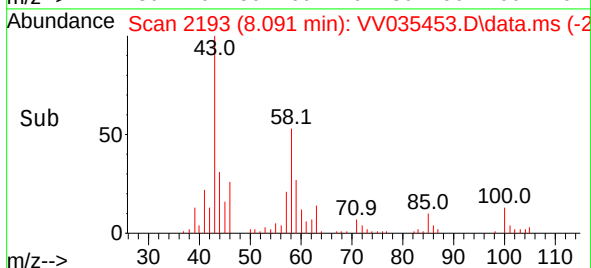
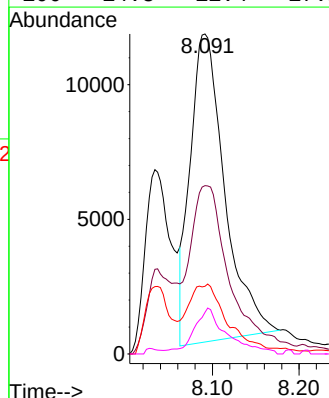
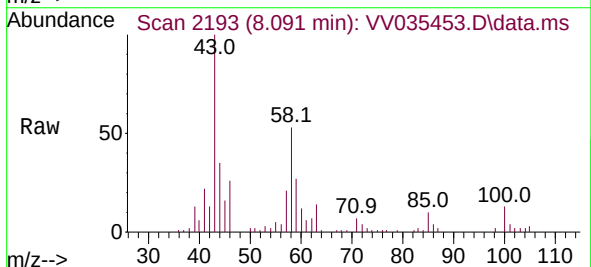
Ion Ratio Lower Upper

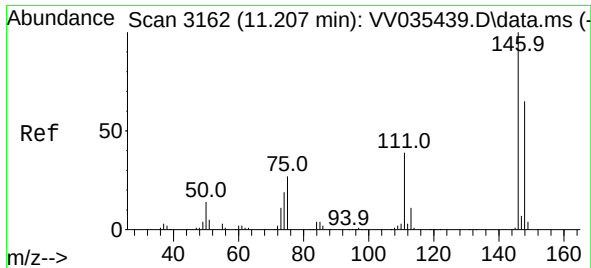
43 100

58 58.9 49.4 74.0

57 4.0 17.1 25.7#

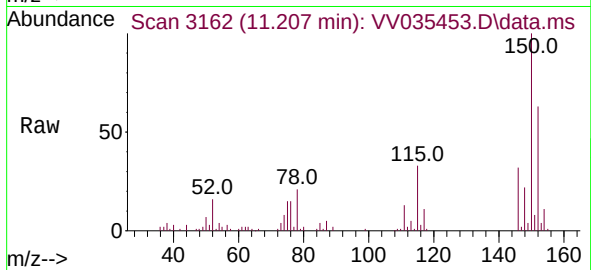
100 14.3 11.4 17.2



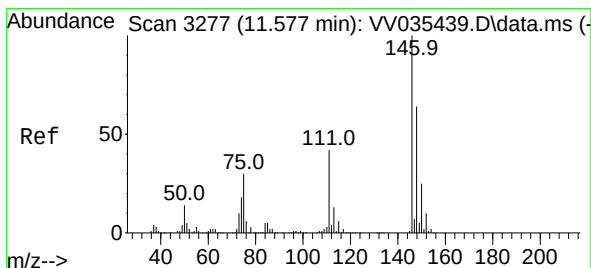
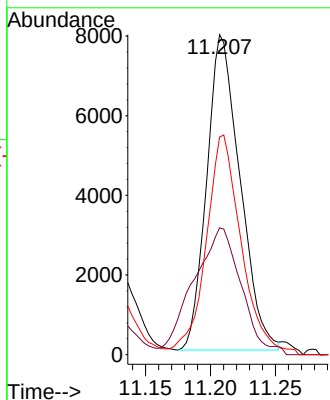
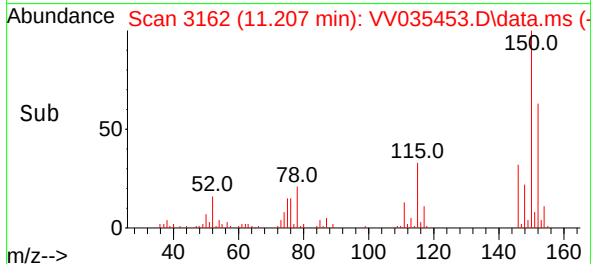


#65
1,4-Dichlorobenzene
Concen: 2.355 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VV035453.D
Acq: 27 Apr 2024 02:24

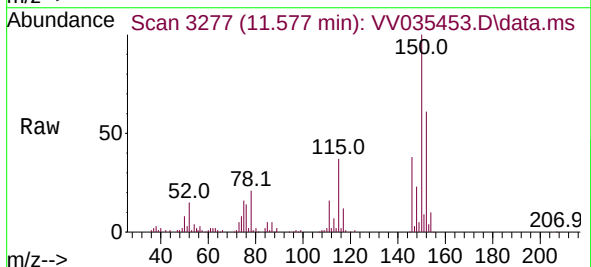
Instrument :
MSVOA_V
ClientSampleId :



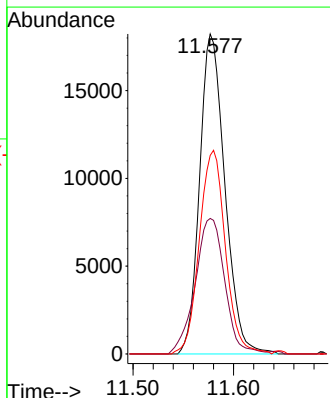
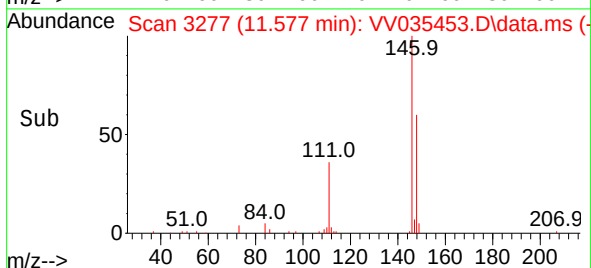
Tgt Ion:146 Resp: 14095
Ion Ratio Lower Upper
146 100
111 39.6 26.5 49.1
148 68.1 45.0 83.6

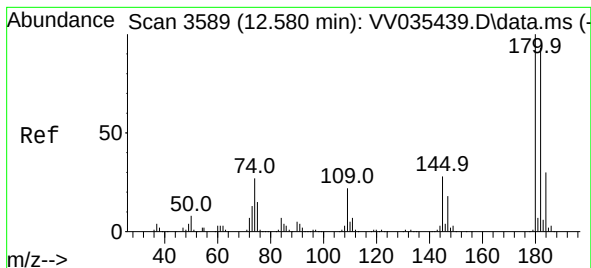


#67
1,2-Dichlorobenzene
Concen: 5.506 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VV035453.D
Acq: 27 Apr 2024 02:24



Tgt Ion:146 Resp: 31836
Ion Ratio Lower Upper
146 100
111 42.3 33.3 49.9
148 62.1 52.2 78.2





#69

1,3,5-Trichlorobenzene

Concen: 1.675 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.624 min

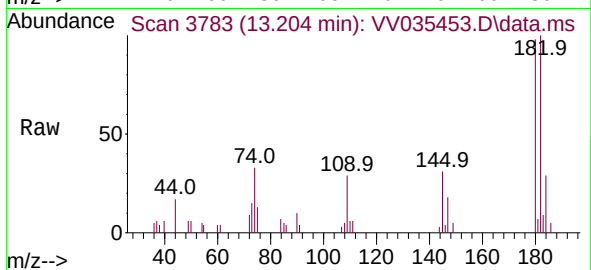
Lab File: VV035453.D

Acq: 27 Apr 2024 02:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 6773

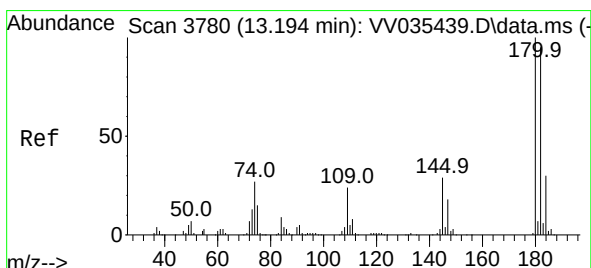
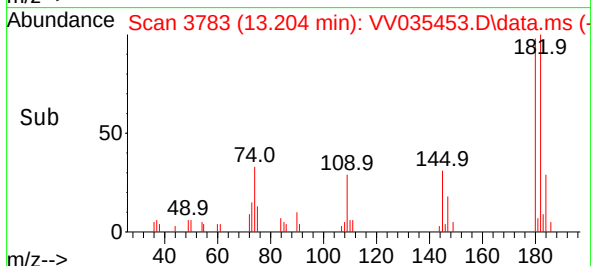
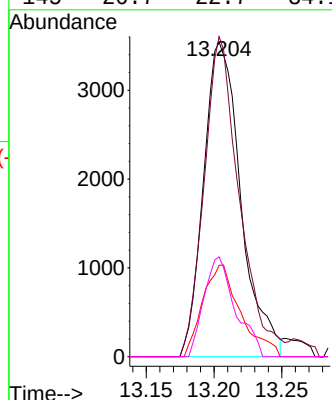
Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.2

184 29.6 23.8 35.6

145 26.7 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 2.110 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035453.D

Acq: 27 Apr 2024 02:24

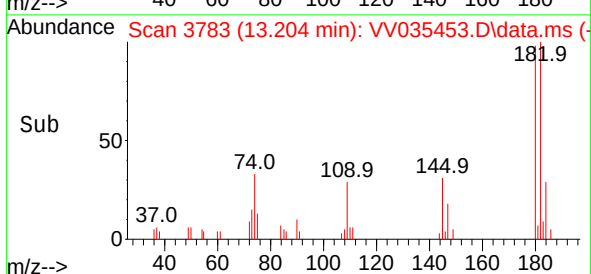
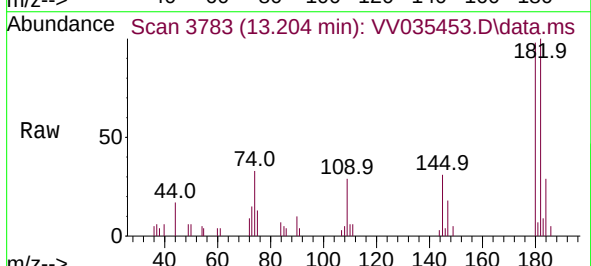
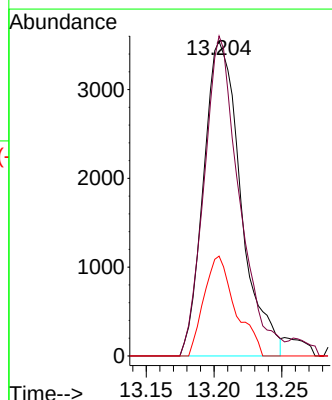
Tgt Ion:180 Resp: 6773

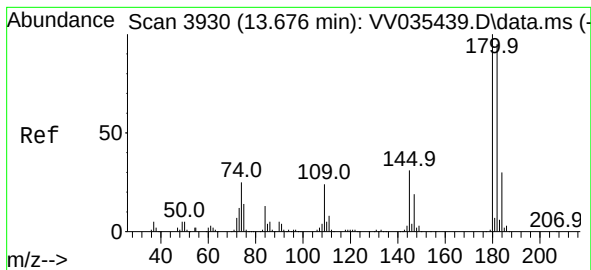
Ion Ratio Lower Upper

180 100

182 96.0 75.1 112.7

145 26.7 23.2 34.8





#72

1,2,3-Trichlorobenzene

Concen: 1.244 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.010 min

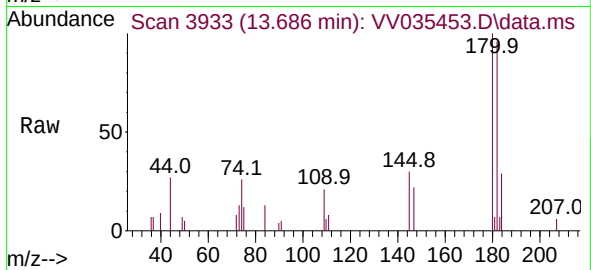
Lab File: VV035453.D

Acq: 27 Apr 2024 02:24

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 3891

Ion Ratio Lower Upper

180 100

182 95.9 76.6 115.0

145 29.9 24.7 37.1

