

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082924\
 Data File : VV037174.D
 Acq On : 29 Aug 2024 22:09
 Operator : SY/MD
 Sample : P3785-01
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

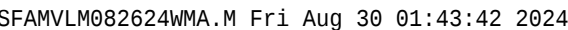
Quant Time: Aug 30 01:43:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 30 01:20:16 2024
 Response via : Initial Calibration

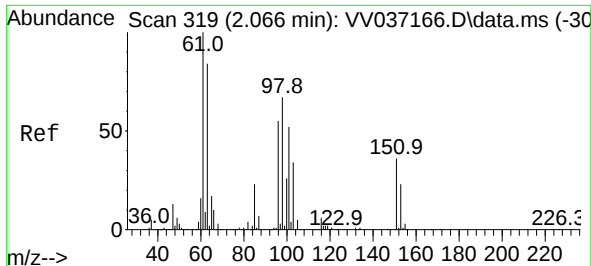
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	576708	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	556923	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	262334	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	215842	40.914	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.820%
7) Chloroethane-d5	1.532	69	182748	44.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.640%
11) 1,1-Dichloroethene-d2	2.060	65	97375	43.916	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.840%
21) 2-Butanone-d5	3.793	46	190259	93.130	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.130%
24) Chloroform-d	4.243	84	398973	48.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.640%
26) 1,2-Dichloroethane-d4	4.937	65	257872	49.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.180%
32) Benzene-d6	4.953	84	798045	47.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.880%
36) 1,2-Dichloropropane-d6	5.985	67	258994	49.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.320%
41) Toluene-d8	7.239	98	699058	46.047	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.100%
43) trans-1,3-Dichloroprop...	7.551	79	99105	40.658	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.320%
47) 2-Hexanone-d5	8.024	63	123452	85.855	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.860%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	298320	46.687	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.380%
66) 1,2-Dichlorobenzene-d4	11.554	152	267505	50.914	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.820%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	3000	0.751	ug/L #	27
13) Acetone	2.114	43	30041	13.711	ug/L	98
33) Benzene	5.018	78	22000	1.369	ug/L	100
51) Chlorobenzene	8.812	112	251353	22.688	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	50328	6.409	ug/L	96
65) 1,4-Dichlorobenzene	11.204	146	114994	14.307	ug/L	97
67) 1,2-Dichlorobenzene	11.570	146	1312405	169.963	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.693	75	1340	1.317	ug/L #	4
69) 1,3,5-Trichlorobenzene	13.191	180	245385	44.907	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	245385	47.690	ug/L	98
72) 1,2,3-Trichlorobenzene	13.673	180	122750	24.208	ug/L	98

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

Quant Time: Aug 30 01:43:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 30 01:20:16 2024
Response via : Initial Calibration

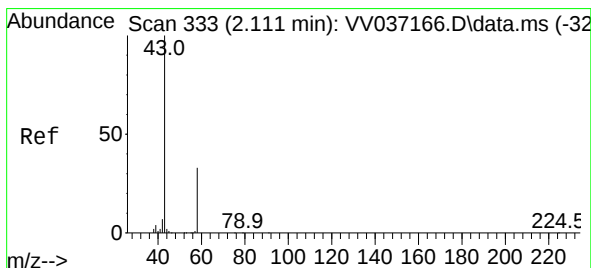
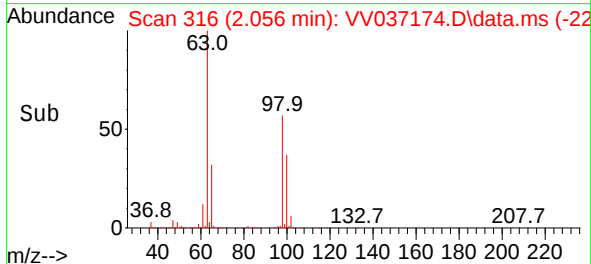
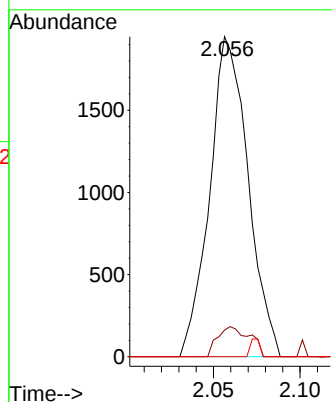
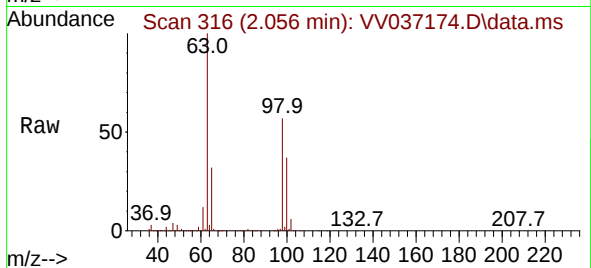




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.751 ug/L
RT: 2.056 min Scan# 319
Delta R.T. -0.010 min
Lab File: VV037174.D
Acq: 29 Aug 2024 22:09

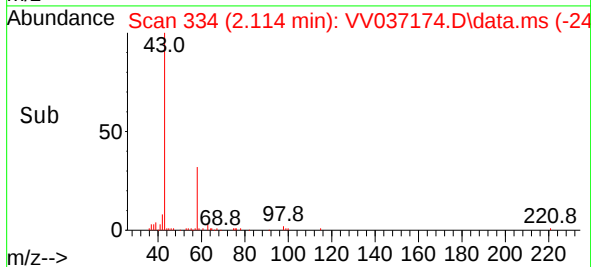
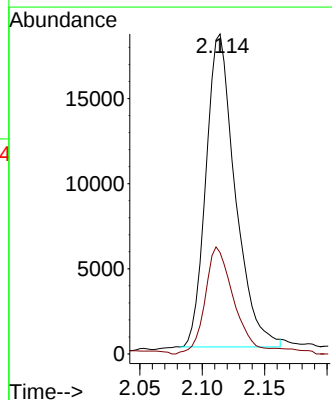
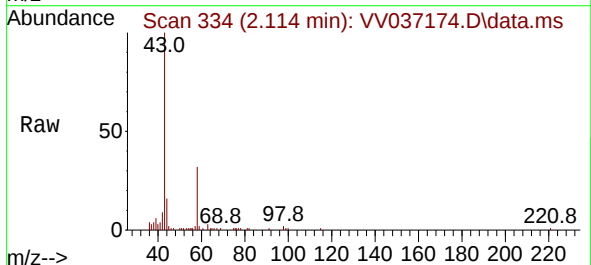
Instrument :
MSVOA_V
ClientSampleId :

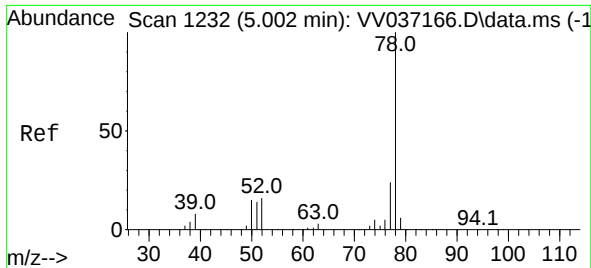
Tgt Ion:101 Resp: 3000
Ion Ratio Lower Upper
101 100
85 6.4 35.6 53.4#
151 1.4 55.0 82.4#



#13
Acetone
Concen: 13.711 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV037174.D
Acq: 29 Aug 2024 22:09

Tgt Ion: 43 Resp: 30041
Ion Ratio Lower Upper
43 100
58 33.3 0.0 64.8

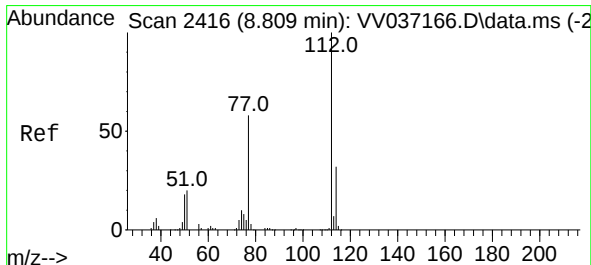
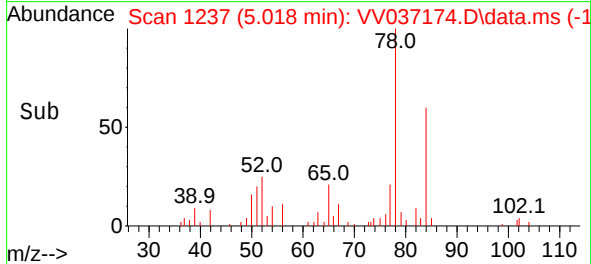
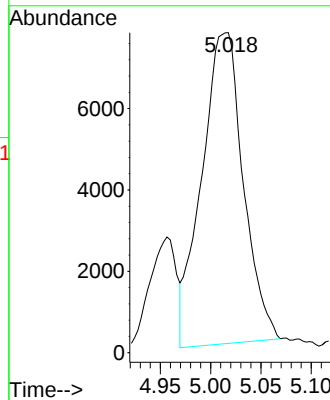
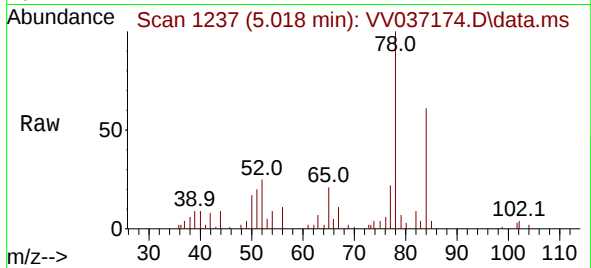




#33
Benzene
Concen: 1.369 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV037174.D
Acq: 29 Aug 2024 22:09

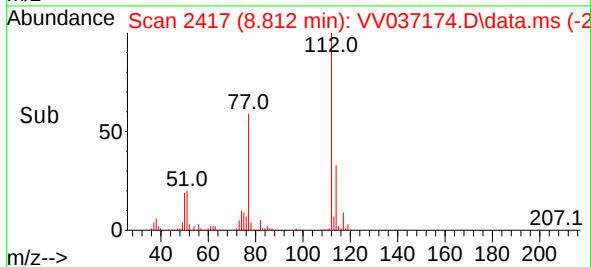
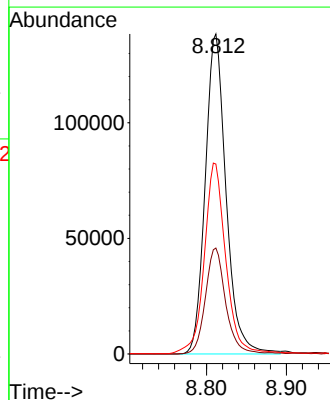
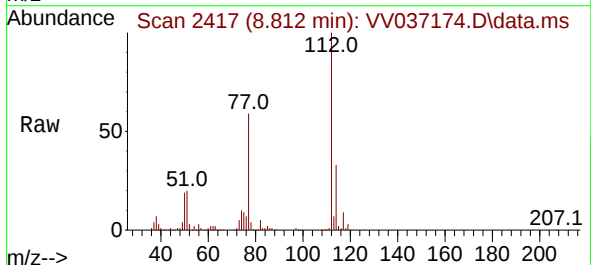
Instrument :
MSVOA_V
ClientSampleId :

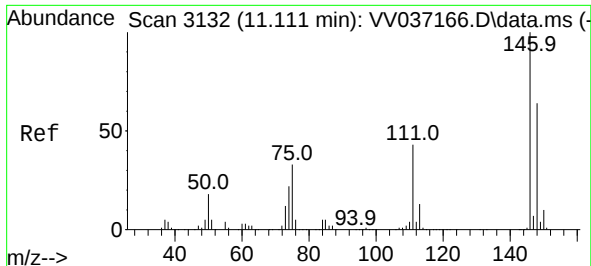
Tgt Ion: 78 Resp: 22000



#51
Chlorobenzene
Concen: 22.688 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV037174.D
Acq: 29 Aug 2024 22:09

Tgt Ion:112 Resp: 251353
Ion Ratio Lower Upper
112 100
114 33.1 22.3 41.5
77 59.4 47.8 71.8





#64

1,3-Dichlorobenzene

Concen: 6.409 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.006 min

Lab File: VV037174.D

Acq: 29 Aug 2024 22:09

Instrument :

MSVOA_V

ClientSampleId :

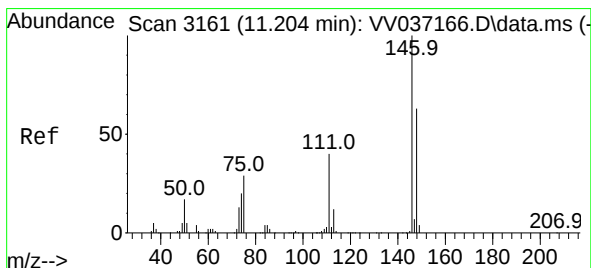
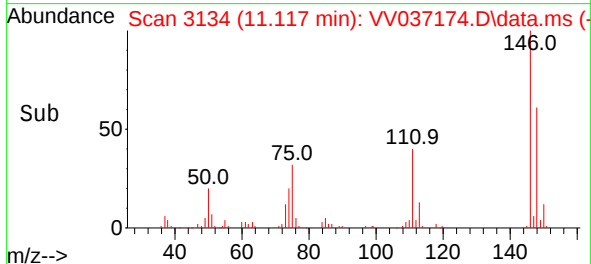
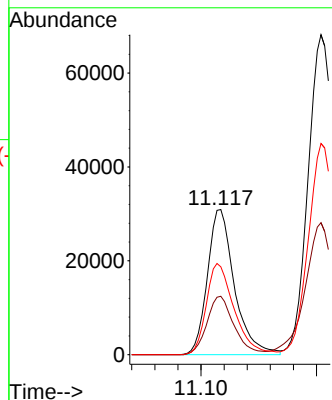
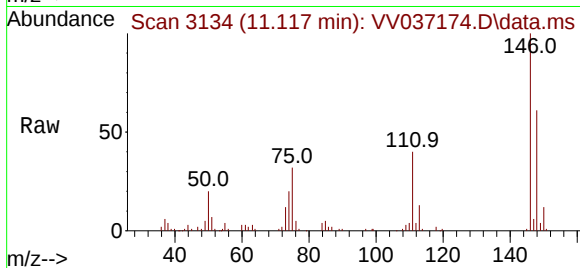
Tgt Ion:146 Resp: 50328

Ion Ratio Lower Upper

146 100

111 40.2 29.7 55.1

148 60.6 44.8 83.2



#65

1,4-Dichlorobenzene

Concen: 14.307 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. -0.000 min

Lab File: VV037174.D

Acq: 29 Aug 2024 22:09

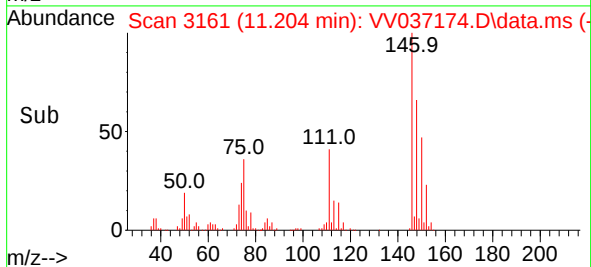
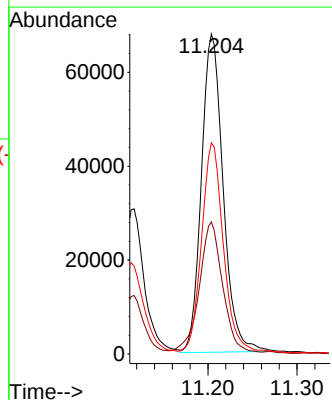
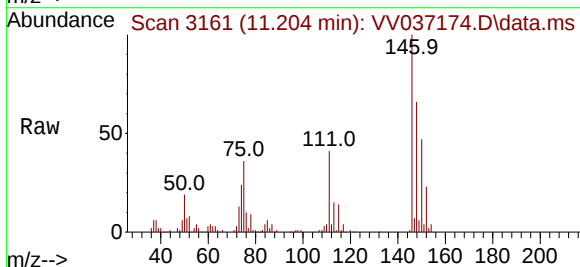
Tgt Ion:146 Resp: 114994

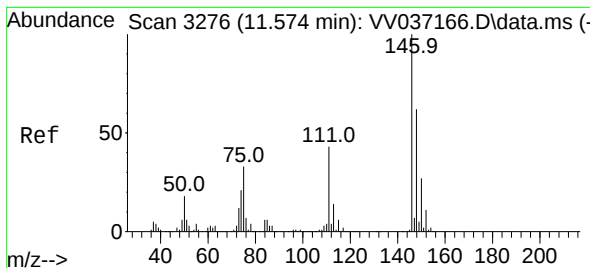
Ion Ratio Lower Upper

146 100

111 41.2 28.1 52.1

148 66.0 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 169.963 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV037174.D

Acq: 29 Aug 2024 22:09

Instrument :

MSVOA_V

ClientSampleId :

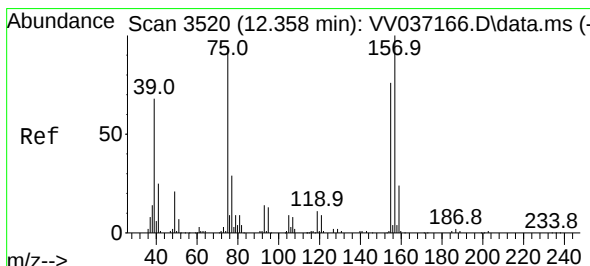
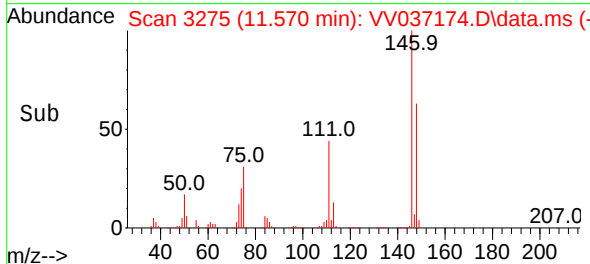
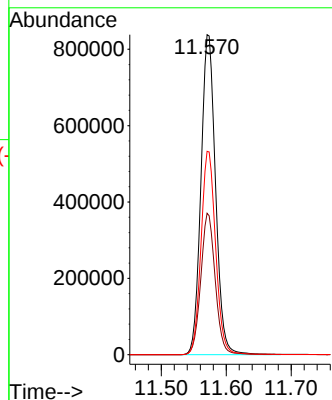
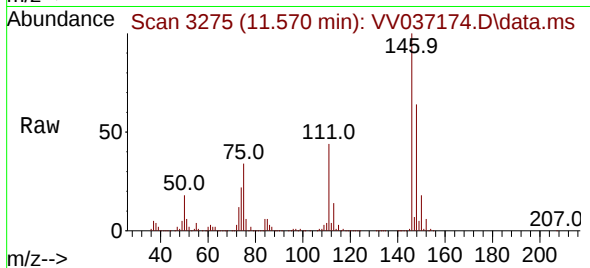
Tgt Ion:146 Resp: 1312405

Ion Ratio Lower Upper

146 100

111 44.2 34.6 51.8

148 63.5 50.2 75.4



#68

1,2-Dibromo-3-chloropropane

Concen: 1.317 ug/L

RT: 12.693 min Scan# 3624

Delta R.T. 0.334 min

Lab File: VV037174.D

Acq: 29 Aug 2024 22:09

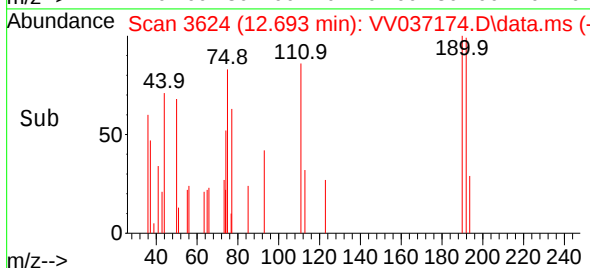
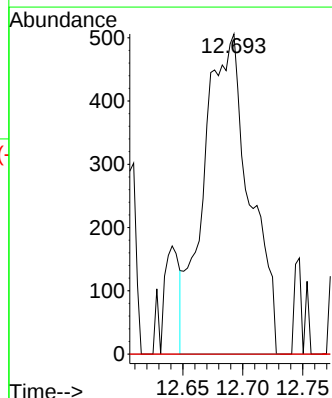
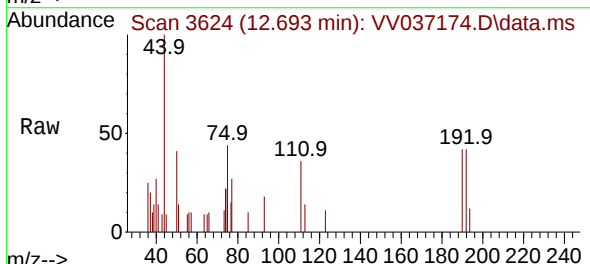
Tgt Ion: 75 Resp: 1340

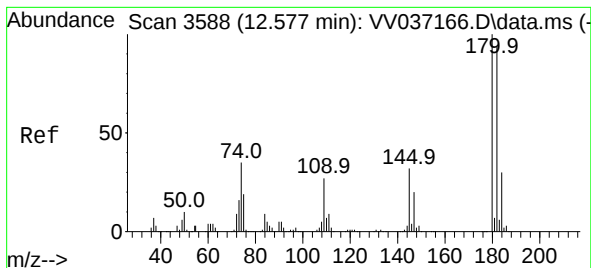
Ion Ratio Lower Upper

75 100

155 0.0 61.8 92.6#

157 0.0 82.5 123.7#





#69

1,3,5-Trichlorobenzene

Concen: 44.907 ug/L

RT: 13.191 min Scan# 3

Delta R.T. 0.614 min

Lab File: VV037174.D

Acq: 29 Aug 2024 22:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 245385

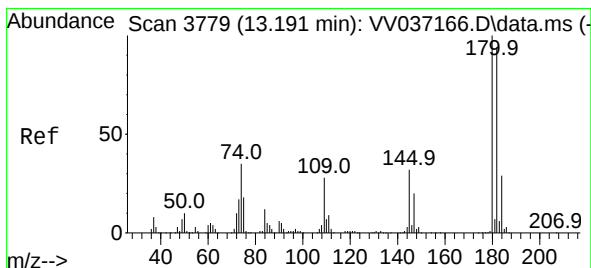
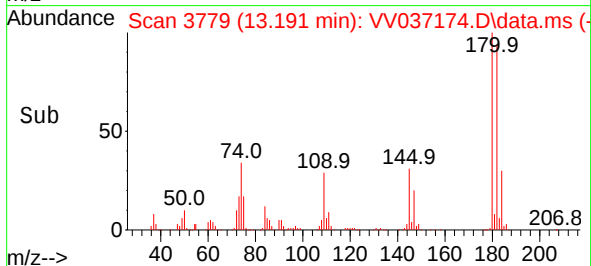
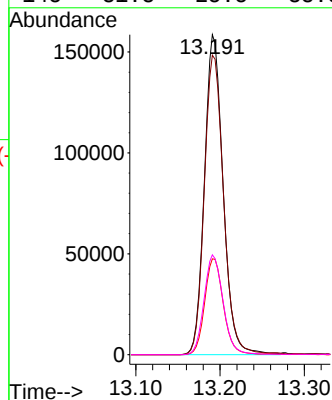
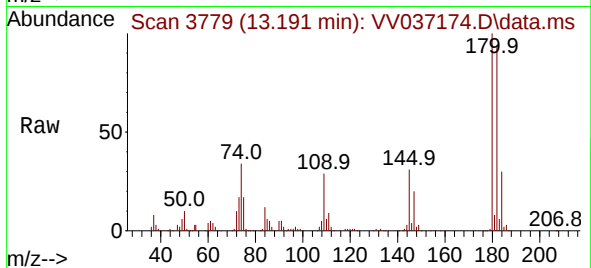
Ion Ratio Lower Upper

180 100

182 96.1 76.7 115.1

184 30.0 24.2 36.2

145 31.8 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 47.690 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037174.D

Acq: 29 Aug 2024 22:09

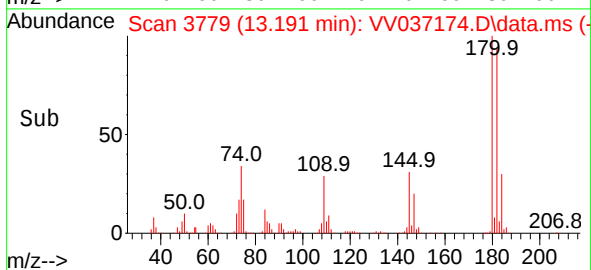
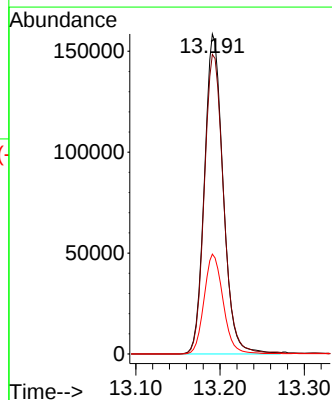
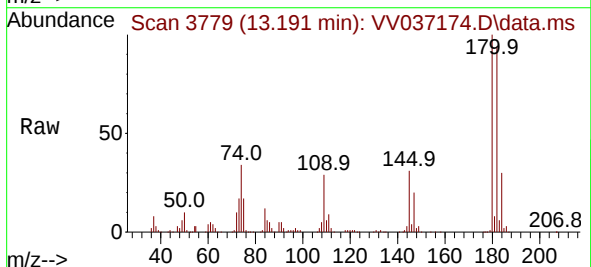
Tgt Ion:180 Resp: 245385

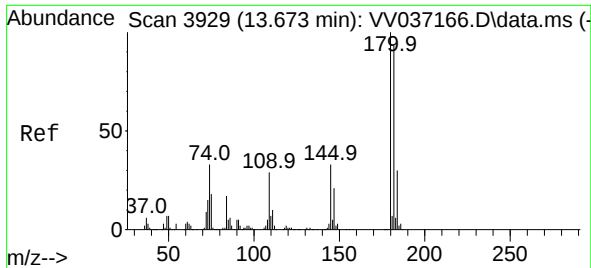
Ion Ratio Lower Upper

180 100

182 96.1 75.7 113.5

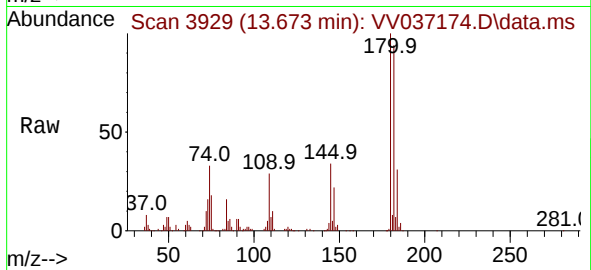
145 31.8 26.0 39.0





#72
 1,2,3-Trichlorobenzene
 Concen: 24.208 ug/L
 RT: 13.673 min Scan# 3929
 Delta R.T. -0.000 min
 Lab File: VV037174.D
 Acq: 29 Aug 2024 22:09

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	122750
Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.1	112.7
145	35.1	27.0	40.4

