

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 :
 C0SW8

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

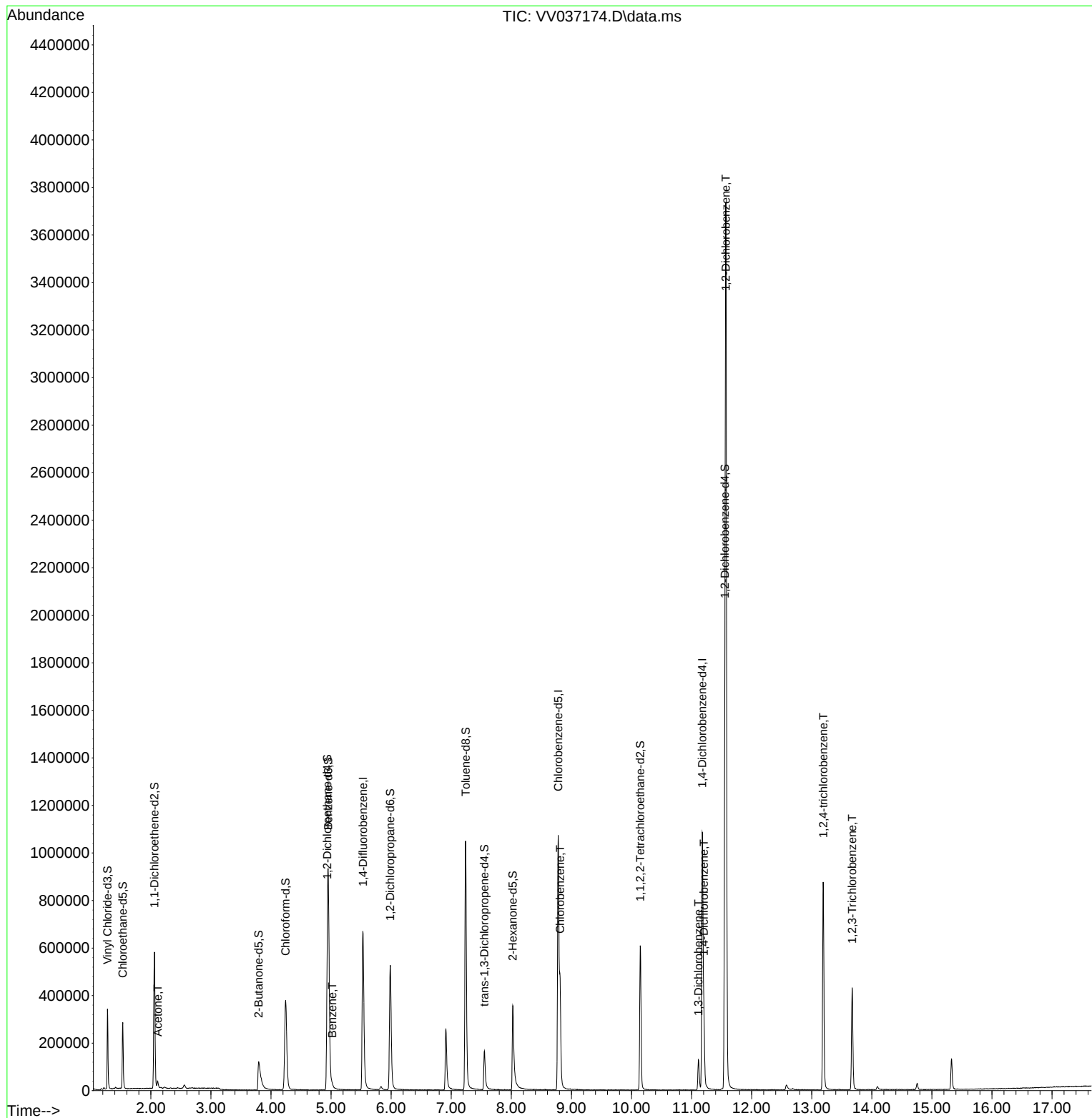
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	576708	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	556923	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	262334	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	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						
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
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

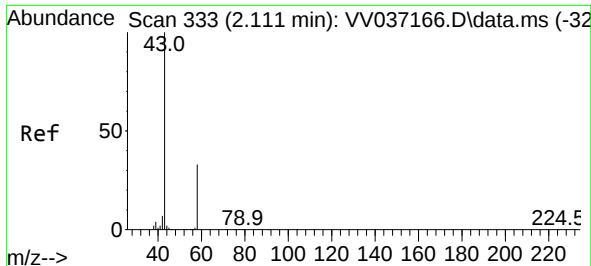
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.711 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV037174.D

Acq: 29 Aug 2024 22:09

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MSVOA_V

ClientSampleId :

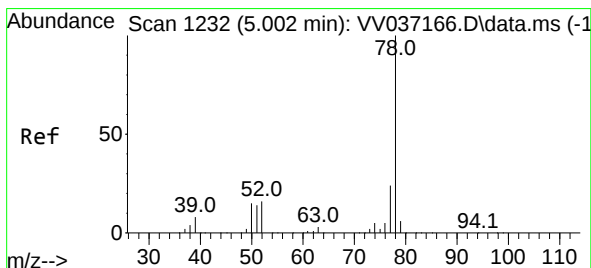
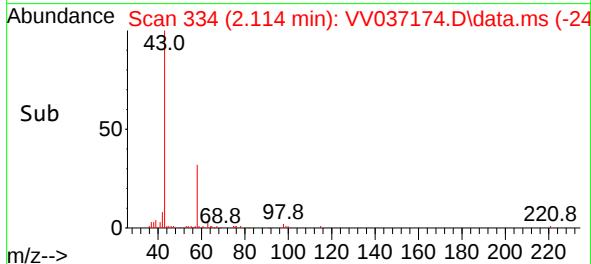
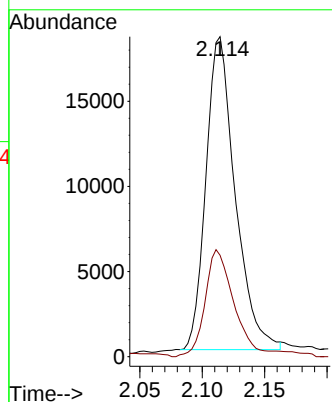
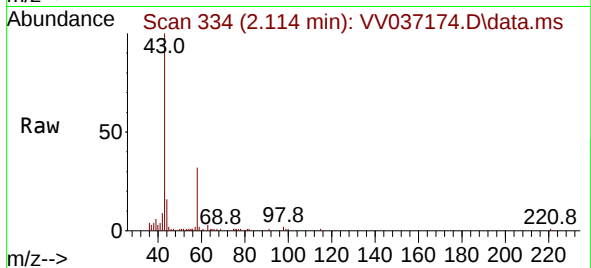
C0SW8

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

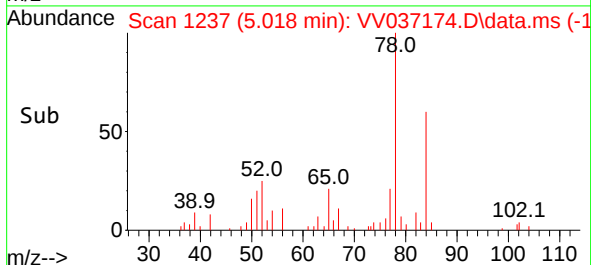
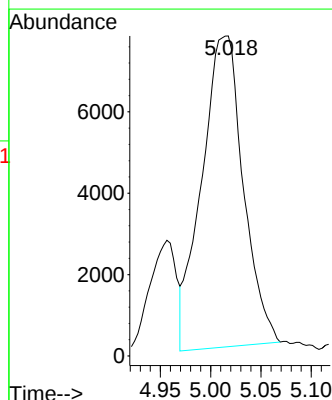
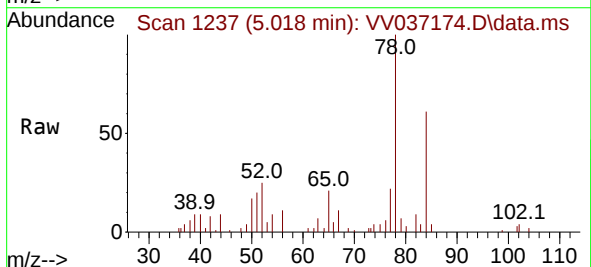
RT: 5.018 min Scan# 1237

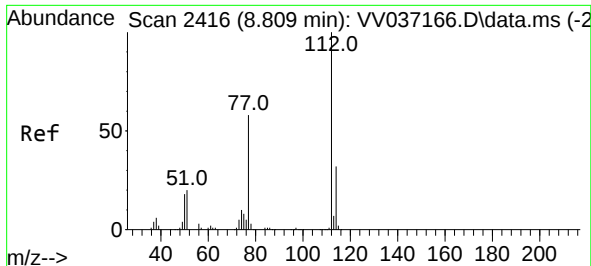
Delta R.T. 0.016 min

Lab File: VV037174.D

Acq: 29 Aug 2024 22:09

Tgt Ion: 78 Resp: 22000

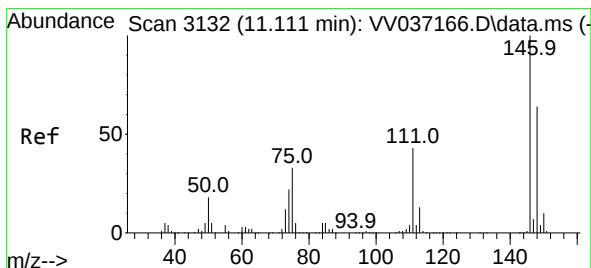
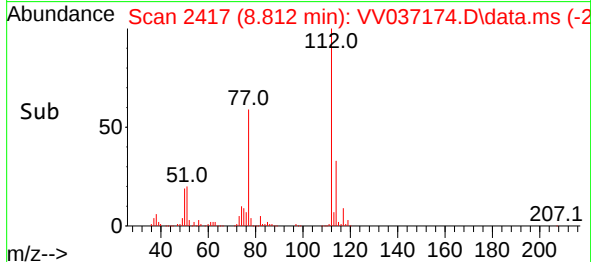
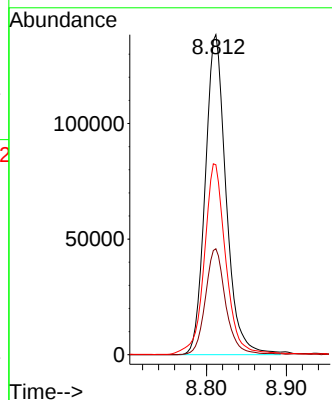
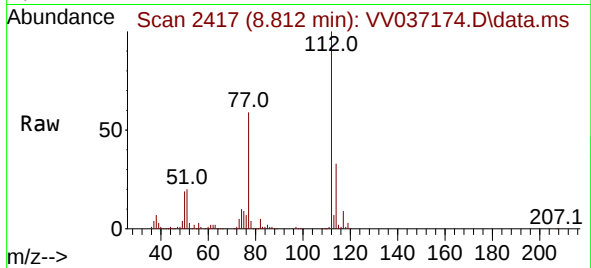




#51
Chlorobenzene
Concen: 22.688 ug/L
RT: 8.812 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037174.D
Acq: 29 Aug 2024 22:09

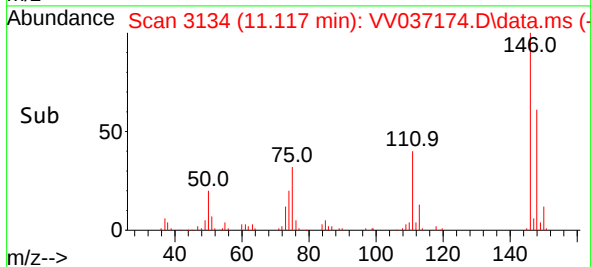
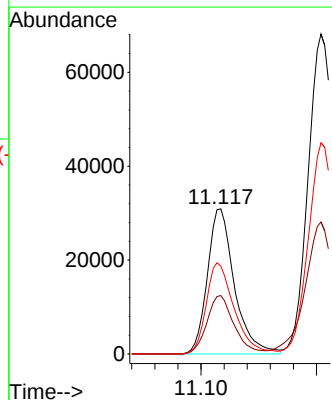
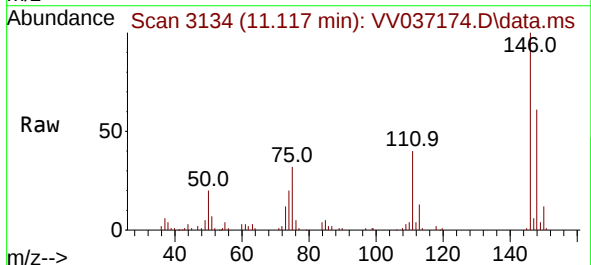
Instrument :
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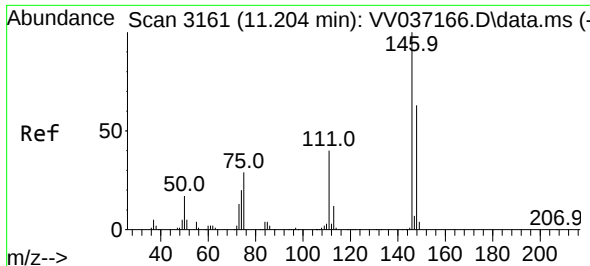
Tgt Ion:112 Resp: 251353
Ion Ratio Lower Upper
112 100
114 33.1 22.3 41.5
77 59.4 47.8 71.8



#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

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

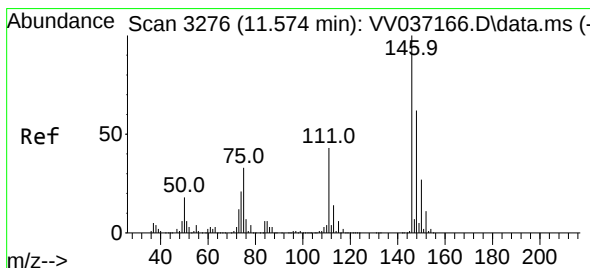
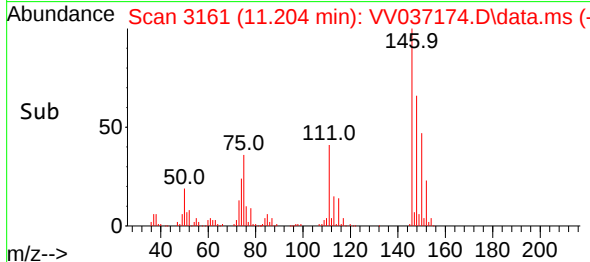
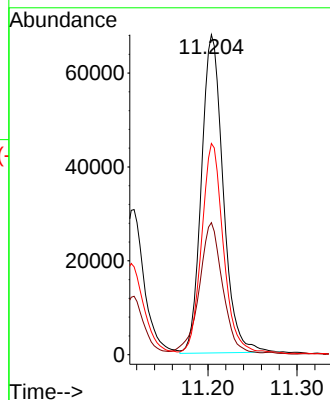
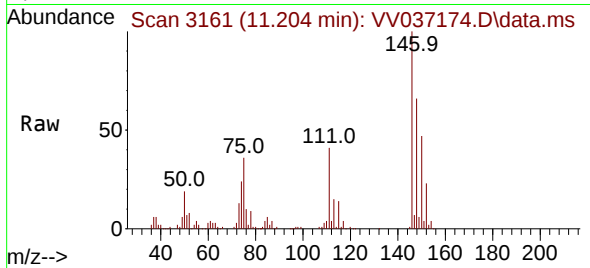




#65
1,4-Dichlorobenzene
Concen: 14.307 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.000 min
Lab File: VV037174.D
Acq: 29 Aug 2024 22:09

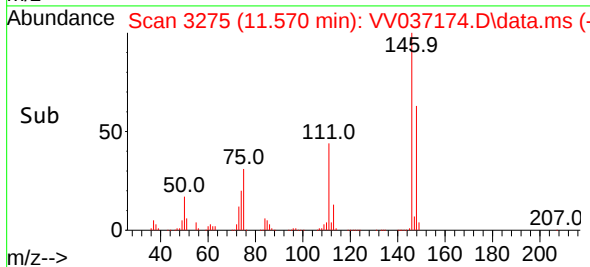
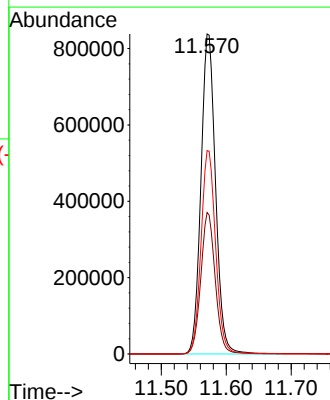
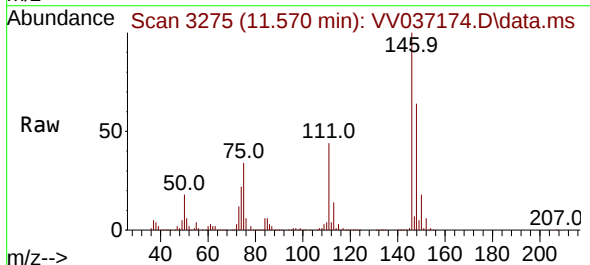
Instrument :
MSVOA_V
ClientSampleId :
C0SW8

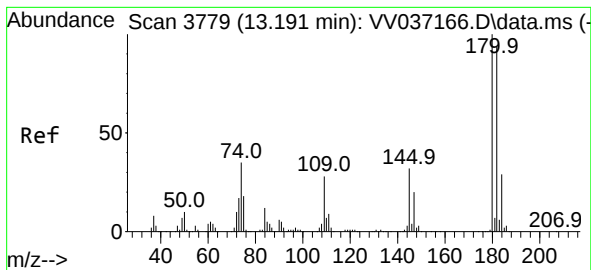
Tgt Ion:146 Resp: 114994
Ion Ratio Lower Upper
146 100
111 41.2 28.1 52.1
148 66.0 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 169.963 ug/L
RT: 11.570 min Scan# 3275
Delta R.T. -0.003 min
Lab File: VV037174.D
Acq: 29 Aug 2024 22:09

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





#70

1,2,4-trichlorobenzene

Concen: 47.690 ug/L

RT: 13.191 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037174.D

Acq: 29 Aug 2024 22:09

Instrument :

MSVOA_V

ClientSampleId :

C0SW8

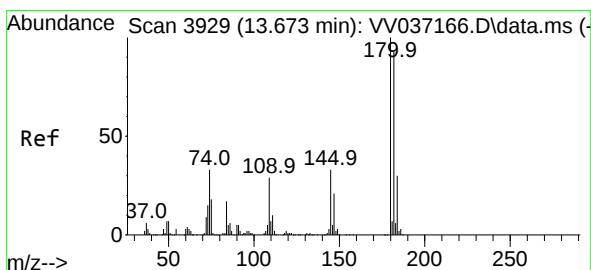
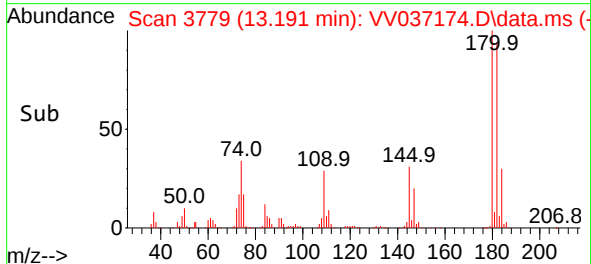
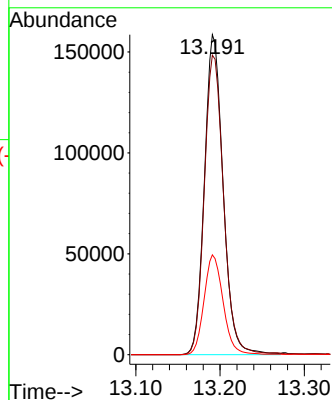
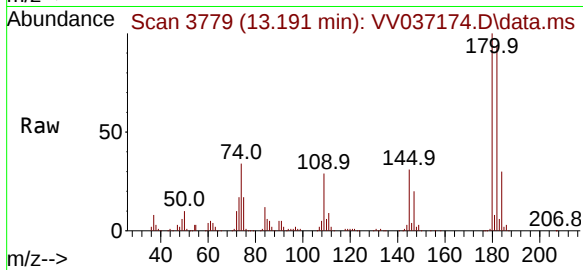
Tgt Ion:180 Resp: 245385

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

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

